

GREATER LONG ISLAND CLEAN CITIES COALITION

THE LONG ISLAND CHOICE

ISSUE 3

THIRD QUARTER 2012

GLICCC'S 16TH ANNUAL ADVANCING THE CHOICE CONFERENCE



“No one can predict the future (in terms of the type of fuel used by transportation vehicles)... it may natural gas, maybe it will be hydrogen, maybe it will be electricity. No one here knows for sure. But all we know is that whatever it is, it will be an improvement (over petroleum.) We should work to achieve it, and we should work together to make sure that day comes sooner than later.”

The above statement, from former New York Governor George E. Pataki, which he included in his closing comments during the Keynote Panel Discussion at GLICCC's 16th Annual Advancing the Choice Conference, was a fitting way to sum up the spirit of the day. Governor Pataki was part of a keynote panel discussion which focused on the benefits of compressed natural gas (CNG) municipal fleets.

In 2006, working in a public/private partnership, New York State, the Town of Smithtown and Clean Energy put in place the first 100% compressed natural gas fueled refuse collection fleet outside of the State of California, cutting collection costs improving local air quality. This extremely successful project is now used as a model around the nation. The panel discussed the project from inception through completion.

(Continued on Page 6)

INSIDE THIS ISSUE

ATC CONFERENCE 1

CHAIRMAN'S LETTER 2

HONORABLE MENTION 3

ANNUAL REPORT 4

STAKEHOLDER OF THE MONTH 5

NETWORKING MAGAZINE ARTICLE 8

QUESTION OF THE MONTH 9

CONTACT INFORMATION 10

GLICCC - LETTER FROM THE CHAIRMAN

As I write this letter, I know many of you are still dealing with the severe effects of Superstorm Sandy and the nor'easter that followed. The one-two punch had such a devastating impact on Long Island and the Northeast. Many of our homes and businesses have been significantly affected. The thoughts of the Board of Directors, the Executive Committee and our stakeholders are with you as you work to rebuild.

The Greater Long Island Clean Cities Coalition is wrapping up another successful year. Here are just some of the highlights:

- In October GLICCC held its 16th annual ATC Conference. This event, which featured a panel discussion about CNG and included former New York Governor George Pataki and Clean Energy CEO Andrew Littlefair, matched the financial success of last year's conference, which will go a long way to offsetting our operating costs. Thanks to all of our generous contributors. And thanks to all those who volunteered their time. Special thanks to Clean Energy for their assistance putting together the keynote panel.
- In May we held our second annual GLICCC Golf Outing. We had a great day of golf and networking. Again, with the generosity of our stakeholders, we were able to show a profit. We hope to make the 2013 GLICCC Golf Outing an even greater success.
- In 2012 we saw the opening of three more CNG fueling stations on Long Island. These stations were funded through the ARRA Grant we received from the Department of Energy. GLICCC held Grand Opening events with the Town of Oyster Bay and Suffolk County to celebrate the completion of the projects. Both were well attended and received media coverage. Thanks to Congressman Steve Israel and Nassau County Executive Ed Mangano for sending representatives from their offices to be with us at the Oyster Bay opening. Thanks also to Congressman Tim Bishop for attending our Suffolk County opening.
- In addition to these stations being completed, the majority of the vehicles funded through our ARRA grant are now on the road, serving the community, lowering harmful emissions in our region and helping us reduce our nation's dependence on foreign petroleum
- In the spring, GLICCC held its 2nd Electric Vehicle workshop. Stakeholders were invited to attend to listen to presentations from representatives of diverse group of EV companies. The event was well attended and generated a lot of interesting conversation. Thanks to National Grid for again hosting our event at their Training Center in Melville.

We won't soon forget Superstorm Sandy and the impact it has had on Long Island. It's hard to find a good side to events such as these, but I have heard it said that oftentimes what we've lost makes us appreciate even more what we have.

On behalf of the entire Board of Directors and Executive Committee, I wish you all the best for a blessed holiday and a happy, healthy and prosperous 2013.

Dominick A. Longobardi

GLICCC RECEIVES HONORABLE MENTION FROM D.O.E.

On October 16th, GLICCC received the exciting news from the Department of Energy that the coalition had been awarded an honorable mention nationally for 2011 for Greatest Displacement of Petroleum Using CNG. This means that GLICCC came in third place out of more than 90 coalitions!

In addition, the coalition came in fifth place nationally for overall fuel displacement.

Thanks to all of our stakeholders for their support and hard work — this award would not be possible without the efforts of everyone.

An award such as this is recognition of the dedication and work of everyone involved in the coalition. We congratulate you on your commitment to alternative fuels and to reducing our nation's dependence on foreign oil.

We have a posted copy of the letter from the D.O.E. on our website. Here is a link to the letter —

<http://www.gliccc.org/category/news/>

Thank you.



Department of Energy
Washington, DC 20585

October 16, 2012

Dear Greater Long Island Clean Cities Coalition Stakeholders,

At the 2012 Clean Cities Peer Exchange and Vehicle Technology Deployment Workshop, we recognized coalitions for their outstanding contribution to the Clean Cities petroleum reduction mission. Clean Cities advances the nation's economic, environmental, and energy security by supporting local actions to reduce petroleum consumption in transportation. A national network of nearly 100 Clean Cities coalitions brings together stakeholders in the public and private sectors to deploy alternative and renewable fuels, idle-reduction measures, fuel economy improvements, and emerging transportation technologies.

Congratulations on receiving Honorable Mention for Greatest Displacement of Petroleum Using CNG. The U.S. Department of Energy commends the Greater Long Island Clean Cities Coalition on this important achievement and encourages you to continue reducing petroleum consumption. We appreciate the hard work you put into serving your community and our country.

Sincerely,

A handwritten signature in black ink that reads "Dennis A. Smith".

Dennis A. Smith
National Clean Cities Director

A handwritten signature in black ink that reads "Linda Bluestein".

Linda Bluestein
National Clean Cities Co-Director

PREPARING FOR ANNUAL REPORT 2012

It's that time of year again! *(And we don't mean the holidays!)*

Each year, GLICCC prepares an Annual Report to present to the Clean Cities program. The Annual Report is a crucial gauge of how well the coalition is doing in its efforts to reduce the use of petroleum in our region. It is carefully scrutinized by the Clean Cities program and the Department of Energy.

GLICCC needs to collect as much data as possible from our stakeholders in order to provide the most accurate information about alternative fuels and vehicles being used in our area. In January we will be sending out an email to all stakeholders requesting information about their alternative fuel vehicles, fuel use, etc. We ask that you provide us with accurate information by the requested deadline so we can include it in our annual report.

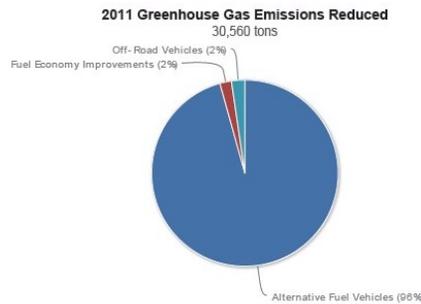
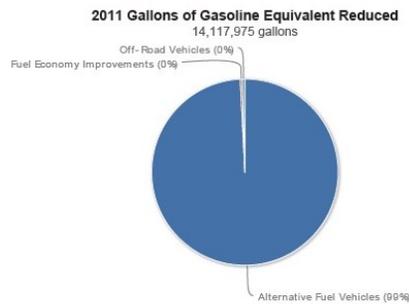
We have posted a copy of the Annual Report on our website. Here is a link to last year's report – <http://www.gliccc.org/2012/04/clean-cities-2011-annual-report/>

GLICCC needs the support of all stakeholders in order to prepare our Annual Report.

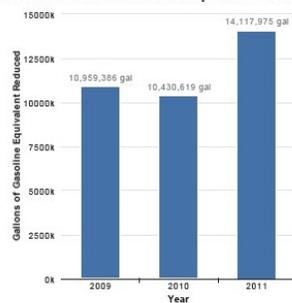
Thank you in advance for your help with this project.



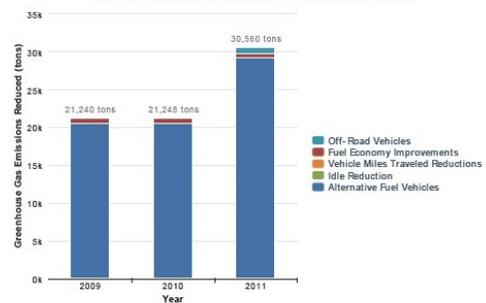
2011 ANNUAL REPORT Greater Long Island Clean Cities



Historical Gallons of Gasoline Equivalent Reduced



Historical Greenhouse Gas Emissions Reduced



GLICCC'S STAKEHOLDER FOR NOVEMBER 2012

In each issue of our newsletter, GLICCC uses this space to celebrate the achievements of one of our stakeholders. For this issue, we would like to celebrate the achievements of many of them.

In the wake of super-storm Sandy in late October and the nor'easter that followed in early November, our entire region was impacted. Whether it was loss of power, downed trees, wind or water damage, each of us felt the effects of the storm.

Immediately following the storms – and frequently, *during* the storms – many of our stakeholders went into action to aid and rebuild the community.



First responders, sanitation workers, utility workers, county, town and village employees all jumped into action to protect people and property – often as their own homes were feeling the same impacts. Countless men and women worked hundreds of hours to begin the rebuilding process.

GLICCC, speaking for its family of stakeholders, and larger family of Long Island, would like to express our gratitude to all of you who worked so tirelessly to help when we needed it most.

For this issue, all of you who have done so much to help Long Island, are our Stakeholder of the Month.



GLICCC'S 16TH ANNUAL ADVANCING THE CHOICE CONFERENCE CONT.

(Continued from Page 1)

In addition to Governor Pataki, the Keynote Panel on Natural Gas featured Andrew J. Littlefair, President and CEO of Clean Energy, Patrick R. Vecchio, Supervisor of the Town of Smithtown, and Russell K. Barnett, Environmental Director of The Town of Smithtown. Joanna Underwood of Energy Vision served as the Moderator.



The Keynote Panel, along with members of the Executive Committee.

Speaking of the significant impact that the project has had on the alternative fuel industry, Andrew Littlefair stated, “(Five years ago) Smithtown’s 22 trucks were the first outside of California to go to natural gas. Today, in the northeast, there are 1,000 natural gas refuse trucks. This year alone, in the northeast region, 600 natural gas trucks will be added.” He continued, “In 2008, 3% of the new trash trucks purchased in the United States were natural gas (150 vehicles). This year, 55% of all the trash trucks purchased in the U.S. are natural gas (over 4,000). Next year, 65% will be natural gas.”

The theme for the conference was *Alternative Fuels – Securing Our Future*. In addition to the panel discussion, there were interesting presentations on a number of topics. Jim Smith of Stony Brook University discussed the university’s alternative fuel fleet, the Advanced Energy Center as well as giving a preview of their upcoming Advanced Energy Conference 2012 (now re-scheduled to April 30 – May 1, 2013).

Rita Ebert, GLICCC’s Program Coordinator, provided an update on the U.S. Department of Energy’s Clean Cities program.



Left, Governor Pataki, NYC Dept. of Sanitation driver Wayne Carrier and Andrew Littlefair. Above right, Rita Ebert, Barry Allan and Dominick Longobardi. Below right, ATC Conference.

ATC Photo Credits:

ATC photographs (except as noted) by: Lisa Mueller, Celebrity Entertainment. Photograph on page 7, bottom right, by: Patrice Radowitz.

GLICCC'S 16TH ANNUAL ADVANCING THE CHOICE CONFERENCE CONT.

In the Alternative Fuel Technologies section of the program there were four presentations: David Scheiren, of EmPower Solar, who discussed the synergies between EVs and solar power, Courtney Bozic of Clean Fuels Consulting and Frank McCabe of Cameron Engineering, who gave a presentation about E-85 and bio-diesel, and Joanna Underwood, of Energy Vision, who spoke about renewable natural gas (RNG). In the Funding and Incentives portion, Matt Laurita of the EPA discussed the DERA Rebate Program for school bus replacements, and Patrick Bolton of NYSERDA spoke about the Authority's funding and incentives. All of the presentations from the conference are available on GLICCC's website: <http://www.gliccc.org/category/events/>.

In addition to the informative presentations, awards were presented to stakeholders who have made substantial contributions to the Coalition and the alternative fuel movement on Long Island. Environmental Leadership Awards were presented to both the Town of Oyster Bay and Suffolk County. The Trailblazer Award was given to both Rides Unlimited & Family Residences and Essential Enterprises, Inc. The Environmental Excellence (The Green Heart) Award was given to Michael Nettesheim of Syosset Truck. The GLICCC Individual Achievement Award was presented to Barry Allen, a former chairman of the coalition.

Outside, GLICCC again featured an alternative fuel vehicle display. More than 40 utility companies, dealerships, municipalities and private businesses brought vehicles of all sizes and fuel types to display.

The 16th Annual Advancing the Choice Conference was a great success for the coalition.



Michael Cipriano of Oyster Bay, third from right, and Dorian Dale of Suffolk County, second from right.

discussing local, state and national policies, "people are not sure if you're a visionary or a lunatic! And sometimes, when you look at these ideas, you're not sure if you're a visionary or a lunatic!" His ending, though, was heartfelt – and a mission for all in attendance. "Try to look to the future and see how you can advance technology and innovation in a way that benefits all of society." A worthy goal, for the coalition, and for all of us.

Thanks to the support of our stakeholders, we again matched the financial success of last year's conference, which will help offset coalition expenses. A special thanks to Clean Energy for their invaluable assistance in helping us put together the keynote panel discussion.

In closing the panel discussion, Governor Pataki included a bit of humor. "When you're out way ahead of the curve," he said, while



Green Heart winner Michael Nettesheim of Syosset Truck, second from right.



Robert Budd of F.R.E.E., second from left, and Robert Quinn of Rides Unlimited, third from right.

NETWORKING MAGAZINE COVER STORY FOR GLICCC

The September issue of Networking Magazine featured a cover story on GLICCC. The article, entitled GLICCC: Greater Long Island Clean Cities Coalition *Works For a Clean Future*, was written by Christine D. Giordano with photos by Miranda Gatewood.

The article gave extensive coverage of GLICCC's history, goals and successes, in particular the CNG stations and vehicles provided through the American Recovery and Reinvestment Act (ARRA) grant GLICCC received in 2009. The story included quotes from Town of Hempstead Supervisor Kate Murray, Town of Oyster Bay Supervisor John Venditto and Congressman Tim Bishop.

The article featured several photos of GLICCC Chairman Dominick A. Longobardi and Program Coordinator Rita D. Ebert, along with a group photo of the GLICCC staff, interns and several members of the Executive Committee.

WE have posted the article on our website. Here is the link to the article —

<http://www.gliccc.org/category/news/>

GLICCC would like to offer its thanks to Networking Magazine for the terrific coverage of the work we are doing and the exposure it has brought to the coalition.



GLICCC: Greater Long Island Clean Cities Coalition Works For a Clean Future

STORY BY CHRISTINE D. GIORDANO • PHOTOS BY MIRANDA GATEWOOD

Last month, as gas tanks and compressed natural gas canisters gleamed white in the August sun, politicians and environmentalists gathered and smiled triumphantly as a fuel and ribbon was snipped at a new Compressed Natural Gas Station (CNG) in Westhampton Beach. Another ribbon had been cut earlier in July at a station in Syosset. The stations are meant to encourage more clean fuel vehicles, and, subsequently, create cleaner air.

The stations were wrought from the work of The Greater Long Island Clean Cities Coalition (GLICCC), which has been doing groundbreaking work in New York for 15 years to increase the public's awareness and use of Alternative Fuels and Alternative Fuel Vehicles (AFVs) while decreasing regional and national dependency on foreign oil. On Long Island, about 5,000 vehicles already use compressed natural gas, and there are 15 compressed natural gas stations that are open to the public, in addition to even more owned by private industry and New York State.

GLICCC is part of the U.S. Department of Energy's National Clean Cities initiative, which mobilizes local stakeholders in government and industry and creates markets for alternative fuels.

"The coalition has placed over 1,200 vehicles on the road and helped fund at least 20 compressed natural gas stations and charging stations," said Rita Ebert, GLICCC's coordinator, who is known for her ability to organize and unite hundreds of shareholders.

GLICCC wins grants that enable things to happen. When the Dept of Energy's American Recovery Reinvestment Act had a call for projects in 2009, GLICCC put together a proposal that was \$15 million and became one of only 25 awarded throughout the country. The only caveat was that the Coalition had to fulfill a long list of projects within two years with its staff of only one paid employee — Ebert (GLICCC keeps management costs to 2%), and hundreds of shareholders and volunteers. They did it. (The natural gas stations were part of that project.)

"We created 143 new jobs, five compressed natural gas stations and put 160 compressed natural gas vehicles on the road," said Ebert. "We tried to focus all on local companies to create jobs on Long Island." American Recovery Reinvestment Act funding also enabled a station at a garage in Commack, NY, a main hub for highway and heavy duty trucks. The owners of the natural gas vehicles save thousands each year on gas. "It's a gallon of diesel fuel for \$4.50; by using compressed natural gas they'll save almost \$2.00 equivalent a gallon so they're only paying two dollars and change for a gallon equivalent of diesel," said Ebert.

The gas is similar to the natural gas you get in a New York home, only it's compressed for automobile use. The station, open for public use 24/7, has pumps that look similar to the ones you might see at a Shell station, but for two hoses that lead to a thinner but heavier nozzle with a switch. "Natural gas is the cleanest readily available fuel for large trucks, and the construction of a CNG fueling facility, coupled with converting diesel-powered trucks to CNG-powered vehicles, is providing real, quantifiable, significant reductions in greenhouse gas and criteria pollutant emissions while displacing the use of petroleum and helping further the town's commitment to energy conservation and reducing greenhouse emissions... The town is grateful to the Greater Long Island Clean Cities Coalition for helping us obtain the funds to move this project forward."

The Westhampton Beach location is also strategic for natural gas because it's close to a garage full of Public Works natural gas vehicles. Westhampton Beach CNG vehicles will be maintained and managed by the energy company Trillium based in Chicago. A portion of the funding, retrofitted those more than 100 trucks to add to its existing fleet of 31 natural gas vehicles. The total project cost will be about \$5 million, with the Department of Energy contributing \$2 million and Suffolk County accounting for \$2.9 million in cost share.

Of the things empowered with grant moneys, last year alone, GLICCC's projects displaced 11.5 million gallons of petroleum. In fact, over the past 15 years the Coalition has awarded over \$10 million dollars in congestion mitigation and air quality funding. Politicians such as Congressman Steve Israel, Tim Bishop and Peter King have rallied for its funding.

"GLICCC is a critical partner in my work to make Long Island a growing, innovative, healthier and more sustainable," said Congressman Tim Bishop. "GLICCC is the kind of innovative public-private partnership we need to advance goals we all share: ending our dependence on foreign oil, improving air quality, and mitigating climate change."

Asthma and the hanky test
Why is this a cause for celebration? If you strap a clean, white handkerchief over the tailpipe of a school bus that's fueled by diesel gasoline, the pollutants in the diesel fuel turn the handkerchief black with gunk. Children breathing those sticky fumes are a major cause for concern, especially with asthma rates rising. (The number of people diagnosed with asthma grew by 4.3 million from 2001 to 2009, according to The Centers for Disease Control.)

"Most school buses are powered by diesel, and diesel exhaust is a major trigger of asthma," said Michael Seiback, vice president of public policy for the American Lung Association of the Northeast during an interview with Networking.

"When traditional school buses are running, they're releasing a decent amount of pollutants into the air. CNG-powered buses are switched over to natural gas, you're going to have less pollutants in our air, and it's going to be healthier for Long Islanders to breathe," said Seiback.

GLICCC efforts resulted in the Long Beach City School District becoming the first school district in New York State to operate an entire fleet of clean-fueled school buses. Seventy buses in Long Beach School and another 40 in Middle Country Central School District have been converted to clean fuel, due in part to their funding and shareholders.

A Clean Future Vision
In fact, someday, you may be able to fuel your own car from your driveway with hydrogen or compressed natural gas.

"My hope that you're going to be able to have your house gas line power your car... you'll plug your car in the driveway and it'll fill there. You'll start to see this towards the later part 2019," said GLICCC's chief Dominick Longobardi, who also works for Hempstead, the town that birthed GLICCC, and launched the first hydrogen station on Long Island.

GLICCC started 15 years ago from the DOE and a joint effort of the Town of Hempstead and KeySpan (now National Grid). The first money came from New York State Energy Research and Development Authority (NYSERDA) grants. One of their first projects was converting public safety cars to alternative fuel. (The head of Public Safety Commissioner Michael Montefiore, GLICCC's first chairman, and National Grid's Barry Allen.)

"Mike's the type of guy who reads a lot and looks toward the future," said Longobardi. The projects continued to grow — Hempstead has 25 solar panels on town hall, and solar systems powering many of its buildings and parks. A 30-kw wind turbine is used to power the town's electric-fuel cell cars and geothermal energy heats and cools some of its buildings.



Staff and members of the board of directors: Joseph Ambrosio, general manager, Environmental Design LLC; Dominick Longobardi, chairman, Greater Long Island Clean Cities Coalition; Jim Smith, assistant vice president, Economic Development; ALERT; Rita Ebert, program coordinator, Greater Long Island Clean Cities Coalition; Tom Ladd, executive consultant, Greater Long Island Clean Cities Coalition; James Schaefer Jr., vice president, area manager, Kleinfelder; Donna Diesel, Greater Long Island Clean Cities Coalition; Russell Barnett, environmental protection director, Town of Southampton; Dept of Environment & Waterways; Walter Gaudin, intern and Mark Horvitz, intern

22 NETWORKING MAGAZINE SEPTEMBER 2012

QUESTION OF THE MONTH

Question of the Month: Which states have adopted the California Air Resources Board (CARB) aftermarket conversion certification requirements?

Answer: In the United States, all aftermarket conversion systems (except pure battery electric vehicles) must meet current applicable U.S. Environmental Protection Agency (EPA) standards. EPA instituted these standards to assure that a vehicle's tailpipe emissions do not increase as a result of the conversion. For more information on EPA standards for vehicle and engine conversions, please refer to the EPA Alternative Fuel Conversion website (<http://epa.gov/otaq/consumer/fuels/altfuels/altfuels.htm>).

CARB has set its own standards for alternative fuel conversion systems, which are more stringent than those of EPA. Manufacturers that wish to sell aftermarket conversion systems for use in California must meet CARB standards and obtain approval from CARB. While EPA accepts all CARB certifications to meet their standards, EPA certificates of conformity and tampering exemptions are not required by CARB and cannot take the place of CARB certification.

In addition to impacting the sale and use of aftermarket conversion systems in California, the CARB conversion standards also impact some of the 13 other states that have adopted CARB's overall motor vehicle emissions regulations. The table below shows the states that have adopted CARB's vehicle emissions standards in whole or in part. It also indicates whether each state enforces EPA or CARB aftermarket conversion standards.

State	Conversion Standards Enforced
California	CARB
Connecticut	EPA
District of Columbia	EPA
Maine	EPA
Maryland	CARB
Massachusetts	EPA
New Jersey	CARB (but also accepts EPA)
New Mexico	EPA
New York	CARB
Oregon	EPA
Pennsylvania	CARB (but also accepts EPA)
Rhode Island	EPA
Vermont	EPA
Washington	EPA

For more information about CARB aftermarket conversion certification, please refer to the following resources:

- CARB Alternative Fuel Retrofit Systems Program: <http://www.arb.ca.gov/msprog/aftermkt/altfuel/altfuel.htm>
 - This website links to a list of certified alternative fuel retrofit systems.
- CARB Aftermarket Parts Database of Executive Orders: <http://www.arb.ca.gov/msprog/aftermkt/devices/amquery.php>
 - This database includes information about conversion systems that have been granted exemptions to emissions control system-anti-tampering regulations by CARB.

Also refer to the following resources for information about the requirements in other states that enforce CARB conversion stand-

ards:

- **Maryland**
 - Maryland Statutes, Environment Code 2-1101 through 2-1108 (<http://mlis.state.md.us/>)
- **New York**
 - New York State Department of Environmental Conservation Regulations, Chapter III – Air Resources, Part 218 (<http://www.dec.ny.gov/regs/2492.html>)
- **New Jersey**
 - State of New Jersey Department of Environmental Protection Memorandum on Aftermarket Conversion Systems for Alternative Fuels
- **Pennsylvania**
 - Pennsylvania Department of Environmental Protection, Bureau of Air Quality Policy on Clean Alternative Fuel Conversion Systems (<http://files.dep.state.pa.us/AboutDEP/AboutDEPPortalFiles/RemarksAndTestimonies/NaturalGasVehicleConversionSystems/PCVConversionPolicyFinal.pdf>)

For general information about conversion regulations, visit the Alternative Fuels Data Center Conversion Regulations page (http://www.afdc.energy.gov/vehicles/conversions_regulations.html). Also see the NGV America Aftermarket Conversion Systems: EPA and CARB Regulations website (http://www.ngvc.org/gov_policy/fed_reg/fed_AfterMarket.html).

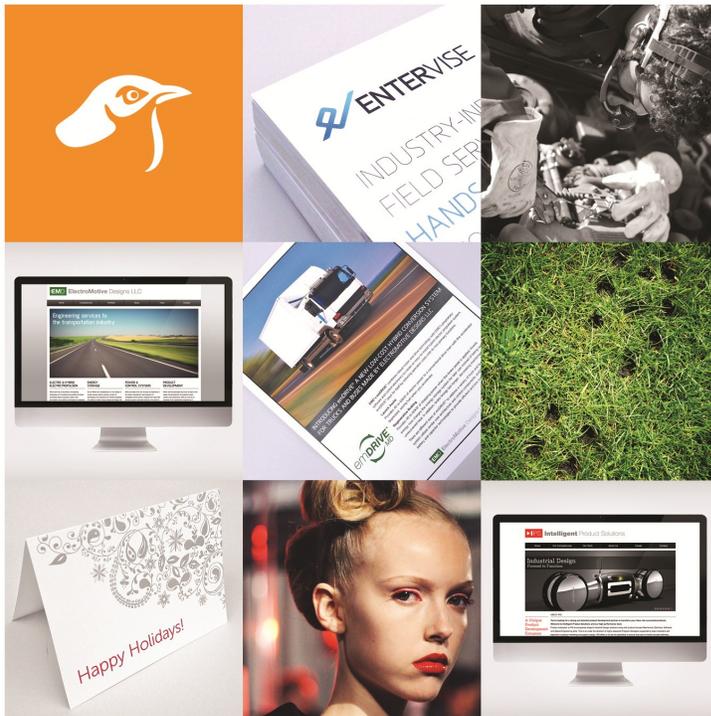
Clean Cities Technical Response Service Team

technicalresponse@icfi.com
800-254-6735



Advanced Energy Center, Suite 209
 1000 Innovation Road
 Stony Brook, NY 11794-6044
 Phone: 631-504-5771
 Fax: 631-504-5757
 E-mail: info@gliccc.org

For more information, please visit The Greater Long Island Clean Cities Coalition's Website at <http://gliccc.org/>. You can also like us on Facebook at www.facebook.com/gliccc, and you can follow us on Twitter at www.twitter.com/gliccc. Our blog, which publishes GLICCC's Stakeholder of the Month, as well as other pertinent articles, can be found at <http://gliccc.wordpress.com>.



Get Noticed!

The IPS team of graphic artists, researchers, designers, writers and producers bring a broad range of enterprise and consumer experience to all areas of product marketing and communications, including:

Websites, Collateral, Brand Development, Go To Market Strategy, Conceptual Development, Content Creation, Design, Production, Advertising, Sales Promotion, Case Studies, Press Releases, Videos, Displays, Event Planning and Research.

June Severino Feldman brings extensive marketing/advertising capabilities to the team leadership with high-level experience in creating collateral programs and directing research for consumer and enterprise markets.

Contact:

June Severino Feldman
 631 676 7744 x 190
june@ips-yes.com
www.intelligentproductsolutions.com

 **Intelligent** Product Solutions