



# CLEAN CITIES COURIER

A program of



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## First Alternative Energy Expo in Tucson a SUCCESS

**O**n Sept. 13-14, PAG and Clean Cities hosted the region's first Alternative Energy Expo. There were over 4,000 people who attended the event to learn more about using alternative energy in their homes and businesses. Five nationally recognized speakers spoke on energy related topics, either alone or in panels. Valerie Rauluk, Chair of the Tucson-Pima Metropolitan Energy Commission, said that "the (MEC) is always searching for ways to deliver to the community the wealth of information we

have concerning more effective energy use. The Expo met our goals and needs beyond our most optimistic expectations."

With green being so new, a few exhibitors used the Expo as their first public outreach event such as Michael Guymon, member of the Arizona Biodiesel Board, who felt that "the Expo gave the Arizona Biodiesel Board its first chance to connect with the community." He said that "the outpouring of support for biodiesel and alternate fuels was more than we ever expected. A great deal of gratitude goes out to PAG and the citizens



**Dr. Joseph Simmons, second from left, pictured with the University of Arizona Solar Race Car Team**

of Tucson for demonstrating that renewable energy is a high priority for our region." Dave Clement, president of CNG Services of Arizona, assisted in sponsoring the event and purchased two booth spaces. Driving down from Mesa on Thursday before the Expo, Clement believes that staying the weekend in Tucson was well worth it. There were times that he and his assistant could not keep up with the crowd who showed a huge interest in their vehicles that run on compressed natural gas (CNG) and fueling systems that allow home owners to gas-up in their garages. Clement said that the event was the most publicized event he has displayed at, stating "the PR effort was amazing."



**Crowds gather around the alternative fuel auto show.**



**Terry Tamminen, energy and environmental adviser to Gov. Schwarzenegger, spoke on his book Lives Per Gallon.**

"The Alternative Energy Expo was very well rounded with booths of interest for virtually everyone; no one could come away without learning something to take home and make a difference."

The event had 20 sponsors, nearly 60 exhibitors along with 17 alternative fuel vehicles. With this enormous support, Tucson Clean Cities and PAG cannot thank our sponsors and exhibitors enough for a successful Expo!



**Clean Cities Program Manager Colleen Crowninshield moderates the alternative fuel panel discussion; (L to R) Dave Clement of CNG Services of Arizona, Will Gober of Ecofuel Inc., Jack Smith of General Motors, and Chad Lindholm of Clean Energy.**

**// "The sooner we get started with alternative energy sources and recognize that fossil fuels make us less secure as a nation, and more dangerous as a planet, the better off we'll be. //**

- U.S. Sen. Lindsey Graham (SC)

## AAA Arizona offers discounted rates to AFVs

AAA Arizona, a member of the Tucson Regional Clean Cities Coalition, is taking steps to be a good steward of our environment by offering discounts to its members who drive hybrid and alternative fuel vehicles while offering customers a chance to win a Toyota Prius.

"This continues AAA Arizona's commitment to do our part for the community," said Linda Gorman, public affairs manager at AAA of Arizona. "We want to be good stewards of our environment and want to encourage our AAA members to do the same by offering discounts for those who drive hybrid or alternative fuel vehicles."

AAA of Arizona has been a member of the Tucson Regional Clean Cities Coalition for approximately three years. "They have proven their commitment to doing their part to reduce America's dependence on foreign oil and have been advocates for our environment through their commitment to our coalition," said Colleen Crowninshield, manager of Pima Association of Governments' Tucson Regional Clean Cities Coalition.

Throughout the month of October and November, AAA Arizona will offer members and non-members a chance to win a Toyota Prius with the Drive Green, Save Green Sweepstakes. To find out more, log onto [AAA.com/sweepstakes](http://AAA.com/sweepstakes).

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## RFS of 4.02 Percent in Effect

The Renewable Fuel Standard Program (RFS Program), a provision of the Energy Policy Act of 2005 (EPAAct), took effect on Sept. 1, 2007. This national standard requires that 4.02 percent of all gas sold in 2007 be renewable fuel, nearly doubling this amount from 4.0 billion gallons for the 2006 calendar year to 7.5 billion gallons by 2012.

When EPAAct was passed, EPA set a default that 2.78 percent of gasoline sold or dispensed in 2006 be renewable fuel – defined as a motor vehicle fuel that is produced from plant or animal products or wastes including ethanol, biodiesel and other motor vehicle fuels made from renewable sources – as opposed to fossil fuel sources.

All producers and importers in the lower 48 states must now meet RFS standards – excluding small refiners and small refineries through 2010 – either by meeting the minimum percentage of renewable fuel or by purchasing renewable identification numbers (RINs) generated by others. This allows those who cannot or do not wish to blend renewable fuel into their gasoline – and permits the production of renewable fuels that are not blended into gasoline, such as biodiesel and biogas – to participate in the program.

Companies needing assistance may call the RFS Helpline at (202) 343-9755 during normal business hours.

**Source:** <http://www.epa.gov/otaq/renewablefuels/index.htm>

**Fact Sheet:** <http://www.epa.gov/otaq/renewablefuels/420f07019.pdf>

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## Coalition Member: Warranties 4 Wheels

Warranties 4 Wheels is a Phoenix-based company that offers service agreements (a.k.a. extended warranties) for most new and used alternative fuel vehicles, automobiles, motorcycles, ATVs and RVs. The Clean Cities Coalition member's mission is to offer a complete line of products to the general public by tailoring a service agreement to fit the particular need of the client. Warranties 4 Wheels is one of a few companies in the nation to offer "Exclusionary" (a.k.a. Bumper to Bumper) coverage for used vehicles out of their original factory warranty as well as coverage for alternative fuel vehicles.

Because a large number of the original companies that installed alternative fuel installation kits are now out of business, consumers are without adequate coverage since many of the vehicle manufacturers are declining to pick up coverage. Coverage terms for alternative fuel conversion units mirrors factory warranty coverage plans; however, Warranties 4 Wheels can offer coverage that extends six years from date of contract, up to 100,000 miles on the odometer (based on an alt fuel vehicle that is 5 years old or newer, and under 60,000 miles).

Warranties 4 Wheels is located in Avondale, Arizona, and may be reached toll free at (877) 844-7283 or at <http://www.warranties4wheels.com/>



# Mayor Walkup attends Global Climate Change Meetings in the United Kingdom

Mayor Robert E. Walkup represented the City of Tucson to the British government to share the city's efforts to meet the challenges of climate change and greenhouse gas emissions at the local level. Tucson's mayor was chosen as one of five top Western leaders because of Tucson's continued role in environmental protection, energy efficiency, alternative energy use and resource conservation.

"Tucson has always been a leader in pursuing sustainability and enhancing our quality of life," said Mayor Walkup. "We're doing some excellent things here in Tucson, and there's more we will do in the future to combat global climate change. The City Council, Pima County and the citizens of Tucson respect our natural heritage and the Sonoran Desert. We will do our part to make a difference locally and globally."

Tucson's designation as a "Solar American City" by the U.S. Department of Energy, long-time use of CNG-powered buses and recent introduction of bio-diesel buses to the fleet, establishment of the Office of Conservation and Sustainable Development as one of the first in the nation. The reclaimed water system and excellent water conservation record along with Mayor Walkup's endorsement of the U.S. Mayor's Climate Protection Agreement and the goals of the Kyoto Protocols in 2006, are what perked the British government to recognize Tucson as a leader.

In exchange, the U.S. Mayors who were invited to the U.K. learned about British efforts such as "de-centralized energy" to derive power from CHPs (combined heating/cooling power generators); waste-to-energy systems and renewable energy sources; and ways to provide local access to power, use lower carbon-emitting fuels such as natural gas, and reduce the loss of power and efficiency that comes from long-distance transmission.

## 92.9 FM hosts Green October

During the month of October, Clean Cities Manager Colleen Crowninshield was involved in 92.9 The Mountain's Green October month-long outreach program on all things green. Colleen was interviewed twice on the station during the Green Tuesdays radio program, once for alternative fuels and once on ethanol. Ed Fraser, Precision Toyota, Michael Guymon, Arizona Biodiesel Board, and Cotton Burlingame, GreenFleets (compressed natural gas), also were interviewed on the morning show by Jennie Gabel.



**A 2008 Toyota Camry Hybrid was displayed and raffled off during Green October.**

Along with their weekly Tuesday show, during October, 92.9 FM also hosted a Friday morning event at varying restaurants around Tucson

which included displays by green organizations. Attendees to the event received free breakfast and a concert from various artists including Will Dailey and Emerson Hart.

Clean Cities Coalition member Precision Toyota teamed up with 92.9 FM to give away a 2008 Toyota Camry Hybrid. Registration for the contest took place at either the Friday events, by calling in to the radio station, and by registering online.

## Outreach: Cienega Creek Pioneer Days

Clean Cities teamed up with PAG's Watershed Planning division to host an information table at the 4th Annual Cienega Watershed Pioneer Day Information Fair on Saturday, Oct. 13, 2007, from 10 a.m.-3 p.m. at Colossal Cave Mountain Park. This year's event featured demonstrations depicting the area's transportation heritage. Clean Cities gave out information on clean fuels and alternative energy availability in our community. Nearly 600 visitors spent the day at the working ranch learning about the cultural, biological and historical significance of this unique part of the Tucson Basin, and what is being done to protect it. There were numerous guests of all ages at the PAG booth – including many Girl Scouts – with a spin-the-wheel trivia game (pictured in the photo) to get people to start talking about alternative fuel, transportation and energy along with water conservation issues. Pioneer Day functioned as a fundraiser for the Cienega Watershed Partnership in order to benefit the work of the Cienega Corridor Conservation Council and the Sonoita Valley Planning Partnership.



**Watershed Planning's Mead Mier and Clean Cities' Sara Hummel Rajca promote alternative fuel and conservation at Pioneer Day.**



# SOUNDBOARD

## Recycle your turkey on Nov. 23

Be sure to stop by one of these four locations to recycle your grease on the Day-After-Thanksgiving, Friday, Nov. 23. From 8 a.m. to 1 p.m., volunteers will be collecting used grease to be turned into biodiesel, helping to save our sewers.

### Grease collecting sites:

- 3390 N. Richey Boulevard
- O'Rielly Cheverolet, 6160 E. Broadway
- 5025 W. Ina Road
- Amphi Lot, on Wetmore across from the Wal-mart Parking lot, west of First Ave.



## New E85 Stations

Clean Cities coalition member, Reay's Ranch Investors, has opened a new E85 ethanol pump at its Super Stop #604 at 1780 W. Highway 70 in Safford. This group also is planning on opening an additional pump at the Super Stop #601 at 795 W. Via Rancho Sahuarita in Sahuarita.

Also, FastLane Chevron is opening a station that will include two pumps for E85 ethanol. It is located at 1999 E. Ajo Way in Tucson and is set to open for business on Nov. 12.



**Congrats!**

## TUSD Update

Tucson Unified School District recently purchased the "cleanest" school buses on the market. The 48 Thomas compressed natural gas units are powered by John Deere 8.1 liter engines with a catalyst muffler. "Including a new electric bus, and Bluebird's propane (only two demonstration models to date), our buses are among the cleanest school buses in the world," states Bill Ball, TUSD fleet manager.

## UK McDonald's to use Recycled Cooking Oil in Fleet

The McDonald's Co., United Kingdom, plans to run 155 delivery trucks on used cooking oil recycled from 900 of its 1,200 UK outlets each week. The oil will be separated and strained in East Anglia and then to Milton Keynes in central England to be converted into biodiesel. The company says it will save 1,675 tons of carbon per year using a fuel blend of 85 percent biodiesel and 15 percent rapeseed oil.

**Sources:** [http://uk.reuters.com/article/environmentNews/idUKL0240836220070702?src=070207\\_1217\\_FEATURES\\_environment&pageNumber=1](http://uk.reuters.com/article/environmentNews/idUKL0240836220070702?src=070207_1217_FEATURES_environment&pageNumber=1)

<http://www.eesi.org/publications/Newsletters/CCNews/10.26.07%20CCNews.htm>

## Coalition Meetings

In August, the Clean Cities Coalition meeting had two presentations, one by CabAire and one by Fuel Wize.

At the October meeting, Toyota briefed the coalition on new additions to their alternative fuel fleet and Pro Petroleum presented on its Phoenix location.

All agendas, minutes and presentations can be found on PAG's Clean Cities Web site: <http://www.pagnet.org/Programs/EnvironmentalPlanning/CleanFuels/tabid/180/Default.aspx>

Upcoming Meeting: Dec. 12, Coalition Welcome Meeting (members only) time TBA

# COALITIONS ACROSS THE MILES: CENTRAL INDIANA

***In order to examine how other Clean Cities are operating throughout the United States, the Clean Cities Courier will feature a coalition director each newsletter. Central Indiana starts us off.***

Kellie Walsh is the executive director for the Central Indiana Clean Cities Alliance (CICCA), a coalition that has been its own independent, nonprofit since its establishment in 1999. Covering nearly three-quarters of the state of Indiana, the coalition has nearly 150 members. Half of those members pay dues – up to \$3,500 per year – to receive support, mostly in the way of grant-writing and Ms. Walsh said that stakeholders have been supportive to yearly increases in dues because of the support she is willing to offer.

The CICCA is run by a board of directors that meets monthly. These monthly meetings are open to stakeholders, as well, but only the board is allowed to vote. Positions on the Board are filled as they become open; board positions are filled with sensitivity to the member's involvement in coalition committees and what type of fuel or entity is lacking in representation on the Board.

The coalition organizes an annual fleet workshop that is open to the public, with 65 in attendance this past September and including representatives from the U.S. Environmental Protection Agency, Clean Energy and Cummins. Walsh plans to host workshops bimonthly beginning in the coming year which would allow the workshops to be more focused. Walsh invited someone who works in the energy management field to speak at the most recent stakeholders meeting and would like to hold a workshop devoted to plug-in technology due to the interest in the coalition.

The BioTown USA project also falls in the CICCA coalition. On Sept. 13, 2005, Indiana Gov. Mitch Daniels officially declared Reynolds, Ind., to be BioTown, USA, for the purpose of creating a model community that is energy self-sufficient while also showcasing efficient methods to convert biomass into energy and proving that agricultural energy is safe, reliable and consistent. Walsh and the CICCA were involved in Phase 1 of the project by getting the infrastructure, a biodiesel and E85 ethanol

pump, at the gas station in the town. Currently, the project has entered Phase 2 with construction of a technology suite which will take waste products, including corn stover, and turn it into electricity. The facility is expected to be producing electricity by the end of 2007, with final completion expected in the fall of 2008. U.S. Agriculture Secretary Mike Johanns attended the groundbreaking last March, commenting, "I believe this will serve as a model for the rest of the nation, especially in our rural areas, in how to achieve as much self-sufficiency in energy as is practical and possible."

In 2006, the CICCA was awarded \$1.2 million in grant funding for various projects, the most major being the E85 on I-65 campaign which brought 18 new E85 pumps to the state of Indiana and is connected to Kentucky, Tennessee and Alabama in this joint project to encompass all of I-65.

Ms. Walsh states that her greatest accomplishment as the executive director at CICCA was being named Clean Cities coordinator of the year in 2006 because it means that her coalition has been able to achieve great things. Her goal is to keep things fresh for her stakeholders to be able to continue the self-sustaining coalition into the future.



For more information on the Central Indiana Clean Cities Alliance, please see [www.cicca.org](http://www.cicca.org)

For further information on BioTown, USA, please see [http://www.biotownusa.com/index.php?fa=c.content&content\\_id=5](http://www.biotownusa.com/index.php?fa=c.content&content_id=5)

# A SPECIAL THANK YOU



## Tucson Regional Coalition

We would like to thank all our coalition members for recommitting to the coalition. A special thank you goes to our members who recommitted at the Saguaro Level and paid their dues for 2007. In 2006, the Tucson Regional Clean Cities Coalition displaced 4.2 million gallons of petroleum through the use of alternative fuels and school bus idle reduction – resulting in 87 million pounds of carbon dioxide saved from entering our atmosphere. What an excellent accomplishment. We're looking forward to seeing the numbers for 2007.

### **Saguaro Level**

American Honda Motor Co.  
Arizona BioFuels  
Arizona Petroleum  
Bennett Oil  
Charles Yerkes  
Clean Energy  
CNG Services of Arizona  
Dunlap Oil Co.  
The Fairfax Cos.  
FastLane Chevron  
General Motors  
GreenFleets  
The Jim Click Automotive Team  
McCandless of Arizona  
Pinal Energy  
Pinaljet  
Precision Toyota  
Pro Petroleum  
Raytheon Missile Systems  
Reay's Ranch Investors  
Roadrunner Biodiesel  
Russell Public Communications  
SC Fuels

Schwan's Home Service  
The Solar Store  
SunGreen  
Sun Tran  
Trans Global Fuels  
Tucson Electric Power Co.

### **Public Saguaro**

Altar Valley School District  
Amphitheater Public Schools  
Arizona Department of Commerce  
Arizona Department of Environmental Quality  
Congresswoman Gabrielle Giffords  
General Services Administration  
Lower Colorado River RC&D Area  
Town of Marana  
Town of Oro Valley  
Pima County Fleet Services Department  
State Representative Lena Saradnik  
City of Tucson  
Tucson Unified School District  
The University of Arizona  
Vail School District

### **Cholla Level**

AAA Arizona  
Befir Design and Construction  
Clean Fuel USA  
Cummins Rocky Mountain  
F. Ronstadt Co.  
Fourth Dimension Fuels  
Grecycle Arizona  
GT Motorworks  
KLPX  
Nations Power & Light  
Natural Systems Solutions  
Southwest Gas Corp.  
Warranties 4 Wheels  
Whitton Plumbing