



The Ripple

clean fuels clean air clean cities

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The VW Settlement: A \$25.5 Million Dollar AFV Opportunity in Alabama

The Alabama Clean Fuels Coalition is working with the Alabama Department of Economic and Community Affairs (ADECA) and our stakeholders to formulate recommendations and to provide assistance with development and implementation of the VW Settlement funds.

Public meetings will soon be scheduled across the state to provide ADECA with valuable input for the State's draft mitigation plan. Be sure to check the ADECA website frequently to see locations and dates for the meetings.

<http://adeca.alabama.gov/>

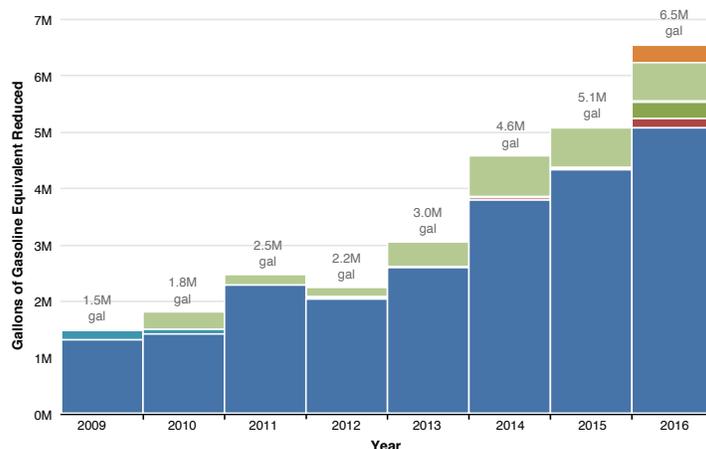
ACFC also welcomes your comments and suggestions on how best to use the \$25.5M in Alabama to meet the objectives of the Volkswagen Settlement.



Clean Cities Coalitions and transportation energy industry leaders from around the country gather in Washington to network and build partnerships with each other, and with key Congressional and Administration policymakers to advance alternative fuels and advanced technology vehicles. <http://tep.sre.events/registration-rates/>

Alternative Fuel Use in Alabama has Reduced Foreign Oil Consumption by 27.2 Million Gallons!

27.2 Million Gallons of Gasoline Equivalents Reduced



The objective of reducing our dependence on foreign petroleum continues! Thanks to everyone over the last eight years who has helped ACFC report this outstanding usage of cleaner burning, domestic alternative fuels. We are just starting to collect the 2017 data and expect continued results through everyone's efforts with cleaner burning, domestic alternative fuels! Keep up the great work!

Please watch for our request for 2017 fuel and vehicle data so we can complete our U.S Department of Energy report. All info is completely confidential and is aggregated to produce the information in graph above.



Happy New Year! Welcome to the first 2018 edition of the ACFC Ripple, a newsletter devoted to highlighting alternative fuel and advanced technology vehicle activities in Alabama.

This edition of the Ripple is filled with articles about our members and stakeholders helping to reduce our dependence on foreign petroleum thru the use of cleaner burning & domestic alternative fuels.

National Drive Electric Week! A Huge Success in Birmingham



National Drive Electric Week (NDEW) was celebrated in Birmingham for the first time in September 2017. NDEW is presented nationally each year by Plug In America, the Sierra Club and the Electric Auto Association and spotlights the fastest growing segment in the automotive industry.

Electric vehicle owners and dealers showed off their Nissan Leaf, Tesla, Chevy Volt, Porsche, BMW, Ford, and

Zero Motorcycles to a crowd of over 200 attendees and media.

Organized by EV owners and experts from UAB, Alabama Clean Fuels Coalition, Alabama Power, Southern Research, the City of Birmingham and Birmingham's Zero Emissions Owners Group the 2017 Event will be continued in 2018 in Birmingham and hopefully other cities in Alabama.

School Systems Add Propane Buses!

The Mobile County Schools system put 30 new propane autogas buses in service for the 2014/2015 school year; added 50 more units for the 2015-16 year and 52 in 2017/2018. The total now stands at 132! Before choosing to fuel with propane autogas,



the district's transportation department, led by Pat Mitchell, Mobile County Public Schools' Transportation Supervisor, performed a comprehensive evaluation. This process included safety research cost savings analysis, as well as environmental impact. The transportation department educated school officials, bus drivers, elected officials, the students and community on the advantages of using buses with cleaner burning engines for student transportation.

Todd Mouw, vice president of sales and marketing at ROUSH Clean Tech, commented "The Mobile school district is continuing to lead Alabama toward a cleaner future with its adoption of low emissions propane school buses. These new alternatively fueled buses have the lowest nitrogen oxide levels of any school bus engine, which is a big step in reducing diesel emissions and clearing the air around its students and community.

Mobile is joined by three other Alabama school systems now using or planning to use propane autogas: Tuscaloosa, Franklin County and the City of Russellville. Interested in exploring propane autogas as a fuel? Contact Mark Bentley, mark@alabamacleanfuels.org



Electric Vehicle Tax Incentive Survives!

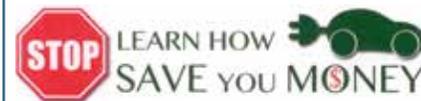
Current law says that consumers who buy or lease a vehicle with a battery capacity of at least four kwh qualify for a tax credit of between \$2,500 and \$7,500. Gasoline-electric hybrids that don't require charging are not eligible.

On December 20, 2017, the Senate voted 51-48 to approve sweeping tax reform legislation known as the Tax Cuts and Jobs Act. Included in the final bill is the tax credit for electric vehicles.

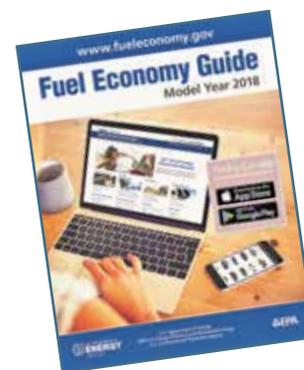
"The credit protects U.S. job creation and leadership in the electric vehicle sector," CALSTART said in a statement. For more info on the EV tax credit click [HERE](#).

or

mark@alabamacleanfuels.org



Buying a car?



Check out the 2018 Fuel Economy Guide

www.fueleconomy.gov/feg/printGuides.shtml



The UA EcoCAR 3 Team's mission is to develop a fully functional, consumer acceptable hybrid-electric vehicle that meets and exceeds the design criteria of the competition by engaging a multidisciplinary team with a broad range of expertise. Beyond the car, the team will light the fire of curiosity in the next generation of automotive engineers through local outreach events.

Collaborating with the University of Alabama team has been a great experience for our coalition. Seeing the EcoCAR3 team of students so involved in working toward a more energy-efficient future is inspiring!

For more details on EcoCAR3 go to:

<http://ecocar3.org/bama/about-us/>

New Biodiesel Information sheet Available Click HERE



The Alabama Clean Fuels Coalition, in concert with the US Department of Energy and Idaho National Labs, facilitated a day long working group discussion of Transportation and Energy Efficiency centered on the Birmingham Metropolitan area.

Transportation is undergoing a revolutionary change as new technologies are quickly emerging to dramatically alter the way people and goods are transported, leading to increased mobility options, greater efficiencies, and lower emissions.

In addition, the nation's metropolitan areas are on the cusp of major changes as the power of information technology greatly expands and enables unified communication systems and better integration of city-wide functions, including energy use, transportation, and other services.

Transportation is the lifeblood of metropolitan areas and a major factor in development of smart cities. Transportation is fundamental to dramatically increasing efficiencies, reducing or eliminating emissions, and potentially providing grid and building services.

Synergistic integration of transportation energy efficiency technologies is essential for optimal smart city evolution.



To participate in the "next steps" and/or to receive the 39 page Smart City Roadmap working document please contact Mark Bentley at the Alabama Clean Fuels Coalition



What Fleets Need To Know About Alternative Fuel Vehicle Conversions, Retrofits and Repowers

New DOE booklet outlines what should be considered

Need a copy? Just Ask!

Donate Help us continue our work in Alabama by making a tax deductible donation to the Alabama Clean Fuels Coalition (a 501c3 non-profit) today! You may use PayPal, send a check or ask us to invoice.
YOUR SUPPORT IS GREATLY APPRECIATED!

ALDOT Nominations for FAST Act Designation of Alternative Fuel Corridors in Alabama



Alabama Department of Transportation (ALDOT)
Fixing America's Surface Transportation Act (FAST)
FHWA—2016—2017



ACFC collaborated with the Alabama Department of Transportation to propose CNG/LNG signage ready and signage pending alternative fuel corridors in our state. This is in response to the FHWA's second round request for proposals. Based on the parameters set by FHWA, CNG/LNG were the fuels that currently meet their criteria. These corridors will augment the currently established National Alternative Fuel Corridors. For more information about CNG, Propane and Electric corridors please contact Mark@AlabamaCleanFuels.org



The Alabama Clean Fuels Coalition (ACFC), a nonprofit membership-based organization, is the state's principal coordinating point for alternative fuels and advanced technology vehicle information. **ACFC is a designated coalition in the U.S. Department of Energy's Clean Cities program.** The promotion of clean, renewable, domestic energy sources helps reduce our dependence on foreign oil, improves local air quality and increases economic development opportunities in our local communities. For more information, please visit www.AlabamaCleanFuels.org or call 205-402-2755.

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Like to join ACFC? Just go to our application at:
http://alabamacleanfuels.org/docs/ACFC_Membership_Application_2014.pdf

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Please welcome our
Newest ACFC Members



BLUE BIRD

- Blue Bird has sold more than 550,000 buses and brings 90 years of experience in safe, affordable and innovative buses to the school bus industry.
- Almost 10,000 Blue Bird school buses equipped with the ROUSH CleanTech propane autogas fuel system have been deployed across the U.S. and Canada in over 750 school districts.
- For more info about Blue Bird go to: <https://www.blue-bird.com>



Texican Natural Gas Company began operations in 1985, and over the years has focused on developing both the supply and market sectors in the Southeast on Southern Natural Gas Pipeline and Transcontinental Gas Pipeline. Their steadfast goal is to be a full service marketing company by developing long term relationships with customer base both on the supply and market side of the equation, while also developing operational expertise and assets leading to a long term, stable market presence.

Texican is one of the few remaining independent natural gas marketers in the United States. Click Here For a message from Aubrey Hilliard, President of the Carolinas Region
<https://youtu.be/F6k56W60bx0>