



# NC CLEAN ENERGY TECHNOLOGY CENTER

## Economic Development & Clean Transportation

### ALTECH ECO

A NORTH CAROLINA CLEAN  
TRANSPORTATION SUCCESS  
STORY

#### Company Spotlight

Altech Eco is a natural gas vehicle conversion system developer and installer. They promote a cleaner and healthier environment by utilizing their own EPA and CARB certified CNG conversion systems for vehicles. They are a Ford QVM (Qualified Vehicle Modifier) and are able to convert many of the models in the suite of vehicles with CNG prepped engine package that Ford offers.



Altech Eco is leading the charge when it comes to CNG conversions in Ford vehicles.

#### Organization Details

Opened	2006
Locations	Arden, NC
Primary Business	Qualified Calibration Modifier and Qualified Vehicle Modifier
Employees	25
R&D	Working with latest EPA/CARB certified testing equipment to ensure tech is leading the industry
2014 Sales	Halfway through the year – over 1,000 systems installed

TransEco Energy Corp. was founded by President & CEO Alexander Kovalchuk in April of 2006. At the same time Altech Eco Corp. was formed as a subsidiary of TransEco Energy to research, develop and deploy technologies to convert vehicles to operate on CNG and to obtain EPA/CARB certifications for those technologies. Altech Eco is currently located in Arden, NC, employing around 25 employees. The mission of Altech Eco is to “become a leader in engineering and technical services to the alternative fuels industry by providing fueling infrastructure, EPA/CARB certified CNG conversion systems and components for government vehicles, private vehicles and commercial vehicles.” In the first four months of 2014 alone, they’ve had more sales than all of 2013 combined. These sales have been boosted by customers like municipalities, PSNC and Piedmont Natural Gas. While these customers particularly pertain to North Carolina, Altech-Eco also sells nationwide.

## Outlook

While Altech-Eco has been very successful in terms of sales, the company really prides themselves on the fact that they're helping to reduce air pollution by providing technology dependent on cheap, domestic fuel. A large focus of their future business development will be in the state of North Carolina as this area has been ahead of the curve in terms of CNG infrastructure. This strategic development will be spurred through reduced prices and increased technology efficiency. This was the strategy Altech-Eco took last year when they significantly reduced the cost of CNG conversions in Ford pickup trucks. This price reduction helped to attract new customers and make 2014 a very successful year. Continued success is predicted as customers further recognize the savings that CNG can provide and the full factory warranty provided as a Ford QVM.



Altech Eco working to convert another Ford vehicle from gasoline to CNG.

***"We're proud of our close working relationship with Ford. They've been proactive in creating new clean fuel options. Their insistence that CNG vehicle converters use their gaseous prep package vehicles ensures that our vehicles run even cleaner and more reliably."***

***-Larry Abbott***

***Sales Associate, Altech-Eco***

## Clean Fuels Advanced Technology Project 2013-2015

The Clean Fuel Advanced Technology (CFAT) project is currently in a third phase of support from the N.C. Department of Transportation with \$6.2 million in federal Congestion Mitigation Air Quality (CMAQ) funding.

CFAT is focused on reducing transportation related emissions in the 24 North Carolina counties that have air quality concerns and are listed as non-attainment or maintenance status for national air quality standards. The 2013 to 2015 project is funded by the N.C. Department of Transportation and covers three broad areas: education and outreach, project funding, and recognition of exemplary activities.

The N.C. Clean Energy Technology Center has teamed up with the Centralina Clean Fuels Coalition, the Triangle Clean Cities Coalition, Piedmont Triad Regional Council, Upper Coastal Plain Council of Governments and Kerr-Tar Council of Governments on education and outreach activities throughout the state. These partners are available to speak about clean transportation technologies and practices at local events.

## Contact

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*This document is supported through the Clean Fuel Advanced Technology project with funding from the N.C. Department of Transportation.*

