

NEWS

FOR RELEASE 2/20/2020 7AM CT

Contact: Kaleb Little

(573) 635-3893

[klittle@biodiesel.org](mailto:klittle@biodiesel.org)

## **Wide-Ranging Partnership to Deploy B100 Biodiesel Technology in Daily, High-Mileage Class 8 Trucks**

- *Innovative system allows for seamless 100 percent biodiesel use in all climates*
- *Five ADM trucks to test Vector System, produced by Optimus Technologies, in real-world, daily use for a full year*
- *Project being supported by the American Lung Association, the National Biodiesel Board, and the soybean checkoff*

JEFFERSON CITY, Mo. – A wide range of organizations today announced a partnership to conduct a year-long validation project of revolutionary biodiesel technology to demonstrate its viability in real-world, high-mileage fleet applications.

Under this partnership, five trucks owned by ADM (NYSE: ADM) will be outfitted with Optimus Technologies' Vector fuel system, an innovative technology that enables diesel engines to run almost entirely on sustainable biodiesel. The trucks will be used in daily fleet operations for a yearlong period, with each vehicle anticipated to travel 160,000-180,000 miles and reduce up to 500,000 pounds of CO<sub>2</sub>. Advanced monitoring protocols will compare the performance and results of the new technology with five other trucks comprising a control group operating on conventional diesel. All biodiesel used in the project will come from ADM's refinery in Mexico, Missouri.

While nearly all diesel engine manufacturers support at least 20 percent biodiesel (B20), the Optimus Vector System is designed to allow conventional diesel engines to run on 100 percent biodiesel in a wide range of climates. The system is already in use in shorter-mileage, local fleet applications such as distribution and waste removal. This new project is designed to evaluate its use for longer-haul over-the-road fleets, potentially opening a pathway to significantly higher volumes of biodiesel in the U.S. truck fleet.

In addition to ADM and Optimus, this project is supported by the American Lung Association, the National Biodiesel Board, the Illinois Soybean Association, and the Missouri Soybean Merchandising Council.

"Our commitment to global sustainability includes reducing emissions, and we have a great opportunity here to validate a technology that could, in theory, expand the use of environmentally-friendly biodiesel in diesel trucks by five-fold or more," said Steve Finn, ADM's vice president for trucking. "Going forward, we expect over-the-road trucking miles in the U.S. to continue to increase, so we have an opportunity to use innovative technologies to multiply the environmental and economic benefits of biodiesel. That's what we are working towards together in this new partnership."

"Biodiesel blends have been utilized successfully in millions of miles of real-world applications across the diesel sector over the last two decades, but this project is especially exciting as more fleets look to take it to the next level," said Kaleb Little, director of communications for the National Biodiesel Board.

"Biodiesel's recognition as a low-carbon fuel option has fleets pushing the envelope, increasing their use

of even higher blends, B20 all the way to B100, and this technology makes it easier than ever for users to do just that.”

“We’re excited to announce this partnership with ADM and commend their commitment to sustainability and leadership in both the biodiesel and transportation sectors,” said Colin Huwyler, CEO of Optimus Technologies. “Trucking is the backbone of the American economy and carbon emissions from transportation continue to rise. Optimus’ technology coupled with ADM’s fuel provides heavy-duty fleets an immediate pathway to reduce these emissions over 80%. While the promise of heavy-duty fleet electrification is still decades off, this project demonstrates the ease, low cost, and efficacy of integrating biodiesel into existing fleet equipment and operations.”

###

#### **About ADM**

At ADM, we unlock the power of nature to provide access to nutrition worldwide. With industry-advancing innovations, a complete portfolio of ingredients and solutions to meet any taste, and a commitment to sustainability, we give customers an edge in solving the nutritional challenges of today and tomorrow. We’re a global leader in human and animal nutrition and the world’s premier agricultural origination and processing company. Our breadth, depth, insights, facilities and logistical expertise give us unparalleled capabilities to meet needs for food, beverages, health and wellness, and more. From the seed of the idea to the outcome of the solution, we enrich the quality of life the world over. Learn more at [www.adm.com](http://www.adm.com).

#### **About NBB**

The National Biodiesel Board is the U.S. trade association representing the entire biodiesel value chain, including producers, feedstock suppliers, and fuel distributors, as well as the U.S. renewable diesel industry. Made from an increasingly diverse mix of resources such as recycled cooking oil, soybean oil and animal fats, biodiesel is a renewable, clean-burning diesel replacement that can be used in existing diesel engines. It is the nation's first domestically produced, commercially available advanced biofuel. Learn more at [www.biodiesel.org](http://www.biodiesel.org).

#### **About Optimus Technologies**

Optimus Technologies is a clean energy technology company and the creator of the revolutionary Vector System, an EPA-compliant, biodiesel fuel conversion system for medium and heavy-duty diesel trucks. This proprietary technology enables vehicles to operate on 100% biodiesel, resulting in drastic reductions in greenhouse gas emissions (80%+) while at the same time reducing fuel costs.

The Vector System easily integrates into existing operations to facilitate a seamless transition to low-carbon fuels. Optimus’ Vector System is currently in use with leading municipal and private fleets throughout the country. Find out more at [optimustec.com](http://optimustec.com), on [Twitter](#), [Facebook](#), and [Instagram](#).