



NEWS RELEASE

PHINIA to Showcase Hydrogen Combustion Innovation at ACT Expo 2026, Including First Homologated H₂ICE LCV

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- PHINIA unveils its first homologated H₂ICE LCV, in partnership with Aramco, supporting real-world deployment and tailpipe CO₂ emissions reductions of up to 99% compared to conventional ICE
- Near-zero tailpipe CO₂ technology offers a potential pathway to reduce emissions from commercial transport
- Visitors can experience the hydrogen-powered vehicle live via the event's Ride & Drive passenger sessions

AUBURN HILLS, Mich.--(BUSINESS WIRE)-- PHINIA INC. (NYSE: PHIN), a global leader in premium fuel systems, electrical systems and aftermarket solutions, today announced its participation in ACT Expo 2026, taking place May 4-7 at the Las Vegas Convention Center, NV, United States. Visitors can find PHINIA at booth #3274, where the company will highlight its latest innovations in lower-carbon transportation, including the debut of its first homologated hydrogen internal combustion engine (H₂ICE) light commercial vehicle (LCV), certified for on-road use and marking a step forward in the development of hydrogen combustion engines.

At the heart of PHINIA's presence this year is the newly homologated H₂ICE van, developed as part of the company's ongoing work to deliver practical, scalable alternatives for lower-carbon mobility. Engineered in collaboration with Aramco, the vehicle is now compliant with Euro 7 emissions standards and designed to deliver up to 99% reduction in tailpipe CO₂ emissions compared with diesel, while delivering reduced pollutant emissions and a real-world driving range of up to 500km.

Designed for light commercial and public transport applications and capable of carrying up to six passengers, the achievement demonstrates the potential of H₂ICE solutions in reducing greenhouse gas emissions in LCV applications.

This milestone marks the first homologation of PHINIA's H₂ICE technology and reinforces the Company's leadership in supporting hydrogen-based solutions. Built on PHINIA's proprietary fuel system expertise, the vehicle integrates advanced hydrogen injection technology into a safe and robust solution.

As part of the event's Ride & Drive experience, event attendees will have the opportunity to experience PHINIA-Aramco's hydrogen-powered vehicle as passengers, offering a first-hand look at how hydrogen combustion technology could potentially perform in real-world conditions.

"Reducing emissions from commercial transport will require multiple solutions," said Todd Anderson, Chief Technology Officer at PHINIA. "Hydrogen combustion could be a potential pathway, building on proven engine technology while delivering near-zero tailpipe CO₂ emissions. Our homologation achievement proves that existing engine architectures can be adapted to run on gaseous fuels, with few modifications, to align with regulatory requirements. This development reinforces that advanced combustion technologies support efforts towards emissions reductions, especially when combined with lower-carbon fuels, while delivering similar performance to today's traditional internal combustion engines."

PHINIA's hydrogen combustion approach offers a differentiated route compared to fuel-cell technologies, supporting emissions reductions while leveraging the existing internal combustion engine ecosystem. The solution delivers comparable torque and power performance to conventional diesel systems while reducing emissions.

The system is adaptable across multiple vehicle types, including both passenger and cargo vans, and can be tailored to meet original equipment manufacturer (OEM) specifications.

The showcased vehicle is part of a broader collaboration with industry partners, demonstrating how H₂ICE technology can be integrated into current platforms with few modifications while maintaining performance, durability and safety standards.

During ACT Expo, PHINIA experts will be on-site and available to provide deeper insights into the technology, including:

- Hydrogen direct injection systems – enabling advanced hydrogen combustion and supporting near-zero tailpipe CO₂ internal combustion solutions
- High-pressure gasoline direct injection – enhancing efficiency and reducing emissions in modern vehicles
- Compressed natural gas (CNG), and alternative fuel injection systems – supporting diversification along the path toward emission reductions
- Advanced fuel delivery and evaporative systems – improving system integration and reducing environmental impact

In addition to the hydrogen vehicle, PHINIA's booth will feature its wide-range portfolio of advanced fuel systems and components, including direct injection systems, engine control units, and electrification-supporting technologies.

"As the transportation sector continues to evolve, PHINIA is focused on delivering practical, high-impact solutions that can be implemented today," continued Anderson. "Our hydrogen combustion technology is an example of how we can support emissions reductions from transport while building towards the future."

ACT Expo is North America's leading event for advanced transportation technologies, bringing together OEMs, suppliers, fleets, and policymakers to support the transition to lower-carbon mobility.

For more information, visit www.phinia.com.

About PHINIA

PHINIA is a diversified industrial supplier and global leader in the development of fuel systems, electrical systems, and aftermarket solutions, with a strong portfolio of trusted brands that includes DELPHI®, DELCO REMY® and HARTRIDGE™. With over 100 years of manufacturing expertise and industry relationships, PHINIA has approximately 12,500 talented employees and over 40 locations in 20 countries and is headquartered in Auburn Hills, Michigan, USA.

Our systems and solutions are designed to keep combustion engines operating at peak performance across a variety of applications: medium- and heavy-duty commercial vehicle (on-road vehicles used for commercial transport classified class 4-8, 14,001 pounds or heavier), light commercial vehicle (on-road vehicles used for commercial transport classified as class 1-3, 14,000 pounds or lighter), light passenger vehicle (on-road vehicles used primarily for carrying passengers), and off-highway, industrial, and other (including construction and agricultural machinery, vocational vehicles, marine, industrial applications, power generation, and aerospace and defense).

PHINIA's service solutions include vehicle repair and replacement parts, offering both new and remanufactured products through the original equipment manufacturer dealer network and the independent aftermarket channel.

By delivering high-performance solutions today and investing in advanced technologies to unlock the potential of alternative fuels in contributing to lower carbon mobility, PHINIA is shaping a more efficient and sustainable future.

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For further information or if you'd like to connect with PHINIA, please contact **phiniapr@fox.agency**

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