

Last Week In Innovative Mobility

August 12 - 18, 2024



Gene J. Puskar/AP

AUTOMATED VEHICLES

The Pennsylvania Department of Transportation plans to develop a testing ground for automated heavy duty vehicles (HDVs), called PennSTART. The testing grounds will allow automated HDVs to test in various environments including navigating construction zones, emergency response vehicles, and various types of weather. The construction of the facility is expected to begin in 2025.

AUTOMATED VEHICLES

The U.S. Department of Transportation releases a vehicle-to-everything (V2X) deployment plan. The deployment of V2X technology to support automated and connected vehicles is expected to reduce traffic-related crashes and fatalities. The plan calls for V2X technology to be deployed on 20% of highways by 2028.



Charly Triballeau/AFP via Getty Images

ELECTRIC VEHICLES

Zeekr reveals an electric vehicle (EV) battery that can charge to a range of about 310 miles in 10.5 minutes. The lithium-ion-phosphate battery is capable of supporting 800 Volt ultra-fast charging. Zeekr plans to begin selling an electric sedan with the new lithium-ion-phosphate battery in August 2024, starting at about \$29,300.



Bloomberg

ELECTRIC VEHICLES

New research finds global EV and plug-in hybrid EV sales have increased 21% in the past year. The majority of sales are attributed to China, which had a 31% increase in sales in the past year. In July 2024, Europe experienced a 7.8% decrease in sales, while sales in the U.S. and Canada increased by 7.1%.



REUTERS/Tingshu Wang/File Photo

TRANSPORTATION PRICING

States across the U.S. weigh dedicated EV fees in lieu of the gas tax. To help address the decrease in gas tax earnings, 39 states have implemented annual fees for EV and/or hybrid owners. In addition, some states are reducing or ending other incentives including New Jersey, which will begin assessing a sales tax on EVs.



Bebeto Matthews/AP

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