

Last Week In Innovative Mobility

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AUTOMATED VEHICLES

California Assembly Bill 2286 introduces similar requirements to the vetoed AB 316 in 2023. AB 2286 prohibits the operation of automated heavy duty vehicles (HDVs) without a safety operator and requires automated HDV manufacturers to report collisions and when the automated mode is deactivated. It is expected that Governor Newsom will make the final decision.



AUTOMATED VEHICLES

The California Department of Motor Vehicles (DMV) reports over 9 million miles were driven by just over 1,600 AVs in 2023. About 3.2 million miles were driven by AVs without a safety driver with the remaining miles driven by AVs with a safety driver. Only 6 out of 28 AV companies with permits from the DMV were able to operate the AVs in 2023 without a safety driver.



TNCs/RIDEHAILING

Lyft announces that drivers will make at least 70 percent of rider fares each week. If drivers do not reach the 70 percent quota, Lyft will pay drivers the deficit amount. In addition, Lyft will add new features to the driver app that allow drivers to see how rider fares are being used (i.e., driver pay, local and state fees) and a button for drivers to appeal a deactivation.



TRANSPORTATION FUELS

Daimler Truck and Linde Engineering release hydrogen fueling technology for HDVs, called sLH2. sLH2 allows for hydrogen fuel to be stored at a higher density, has a lower operational cost, and dispenses faster compared to existing hydrogen fuel technologies. It is expected that sLH2 can dispense 80 kilograms of hydrogen fuel or about 620 miles of range to an HDV within 15 minutes.



URBAN AIR MOBILITY

Joby announces partnership with the Dubai Road and Transport Authority in the United Arab Emirates. Joby will begin operating electric, vertical take-off and landing (eVTOL) aircraft in 2025 and provide commercial eVTOL services beginning in 2026. Under the agreement, Joby will be the only eVTOL operator in Dubai and will operate out of four vertiports in the city.



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Innovative Mobility Research (IMR) focuses on the future of mobility and is based at the Transportation Sustainability Research Center at the University of California, Berkeley

