

Last Week In Innovative Mobility

April 22 - 28, 2024



AUTOMATED VEHICLES

The National Highway Traffic Safety Administration (NHTSA) concludes an investigation of 956 accidents involving Teslas. NHTSA found that 211 of the crashes had enough time for the driver to respond and potentially avoided or mitigated the collision. NHTSA also suggests that in-vehicle sensors and cameras to verify that a driver is attentive are not enough to prevent misuse of the Tesla Autopilot.



AUTOMATED VEHICLES

Mercedes-Benz begins selling vehicles with Society of Automotive Engineers (SAE) level 3 automation. The Mercedes-Benz software, called Drive Pilot, takes control of the vehicle operations and allows the driver to take their eyes off the road. Drive Pilot is currently only available in select models that are sold in California and Nevada.



ELECTRIC VEHICLES

Volvo plans to begin selling the EX30 electric vehicle (EV) in summer of 2024. The EX30 has a starting price of \$35,000, which is about \$8,000 less than the Tesla Model Y. The lower price of this vehicle reflects Volvo's ability to take advantage of Chinese manufacturing, supply chain benefits under the Geely automotive group, and reduced tariffs.



TRANSPORTATION FUELS

A commercial hydrogen fuel station for heavy-duty vehicles (HDVs) opens at the Port of Oakland in California. This station is the first hydrogen fuel station for HDVs in the U.S. and will initially serve 30 hydrogen HDVs. The station is funded through the California Air Resources Board and California Energy Commission.



RAIL SERVICE

Brightline West begins construction on a high-speed rail line between Los Angeles, California and Las Vegas, Nevada. The 235-mile route is expected to be complete by 2028 and will cost passengers about \$80 for a one-way trip. The trains are expected to reach speeds up to 125 miles per hour and will take about two hours to complete the trip.



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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

