

Last Week In Innovative Mobility

December 27, 2021 - January 2, 2022



AUTOMATED VEHICLES



REE Automotive, a mobility company, releases an automated vehicle (AV) design based on a modular electric vehicle (EV) platform. The AV and EV platform designs allow stakeholders to create fleets according to their needs and specifications (e.g., goods delivery, first- and last-mile passenger trips). The AV is about 3.4 meters (approximately 11.2 feet) long and has a gross vehicle weight rating of two tonnes (roughly 2.2 tons).

AUTOMATED VEHICLES

Waymo, an AV company, partners with Geely, an automaker, to build an electric, automated vehicle for ridehailing. The partners plan to integrate Waymo's AV system (Waymo Driver) into Geely's Zeekr vehicles for the U.S. market. However, the companies have not released a timeline for these developments.



ELECTRIC VEHICLES



Tesla recalls more than 475,000 of its Model 3 and Model S EVs. The vehicles are being recalled due to concerns with the review camera and trunk that can increase crash risks. The National Highway Traffic Safety Administration is simultaneously exploring another issue with Tesla's driver assistant system.

ELECTRIC VEHICLES

New York City orders 184 electric Ford Mustang vehicles for its law enforcement and emergency response workers. The vehicles are going to be delivered in June 2022 and part of a five year \$11.5 million contract. The city plans to purchase over 1,250 EVs in 2022 and transition all law enforcement vehicles to EVs by 2035.



GOODS DELIVERY



Meituan, a Chinese shopping platform, delivers approximately 19,000 meals to 8,000 customers via drones. The pilot program is available in Shenzhen, China in three kilometer (about 1.9 miles) stretches in seven neighborhoods. The drones deliver food from select merchants to streetside kiosks rather than directly to people's homes.

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