

Last Week In Innovative Mobility

April 5 - 11, 2021



AUTOMATED VEHICLES

Cruise, the automated vehicle (AV) company, plans to launch an automated taxi service in Dubai. The company expects to begin vehicle testing in 2023, and the commercial service will start after the testing phase. Cruise is using its automated Origin vehicles and anticipating scaling the service to up to 4,000 vehicles in Dubai by 2030.



ELECTRIC VEHICLES

The Biden administration's \$2.3 trillion infrastructure and jobs proposal includes support for electric vehicles (EVs). Approximately \$174 billion are allocated for EVs with \$100 billion and \$15 billion for new customer rebates and the construction of 500,000 new charging stations, respectively. The proposal also includes \$25 billion, \$20 billion, and \$14 billion for zero emission public transit vehicles, electric school buses, and EV tax incentives, respectively.



GOODS DELIVERY

Isuzu, a truck manufacturer, and Gatik, an AV startup, partner to develop an automated medium-duty truck. The partners are integrating Gatik's Level 4 automation (as defined by SAE International) into Isuzu's N-series truck. The first vehicles are expected to be deployed in late-2021.



TNCs/RIDESOURCING

Uber and Lyft struggle to meet rider demand. The lack of drivers is caused by concerns regarding COVID-19-related health risks and the time it takes to recruit drivers. The companies face additional challenges in select areas, such as Boston, where surge pricing is currently prohibited.



URBAN AIR MOBILITY

United Parcel Service plans to buy 150 small electric aircraft from Beta Technologies, an aerospace and electric aircraft manufacturer, for faster, more environmentally friendly deliveries. The aircraft are anticipated to begin service in 2024 for small and mid-sized markets. The aircraft have a flying range of 250 miles per charge, recharge in about an hour, and carry up to 1,400 pounds of cargo.



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