

# Last Week In Innovative Mobility

October 23 - 29, 2023



Cruise

## AUTOMATED VEHICLES

**Cruise announces that it will pause robotaxi operations nationwide following the California Department of Motor Vehicles suspension of their automated vehicle (AV) testing permits.** Cruise has stated that they are taking this time to improve public trust in their operations following various on-road incidents with their AVs. Cruise plans to continue operating vehicles with a human safety operator on board.

## AUTOMATED VEHICLES

**Uber partners with Waymo to provide AV rides to Uber customers in Phoenix, Arizona.** If Uber customers are matched with a Waymo vehicle, they have the option to decline the AV. Uber reports that the rides provided in the AV will cost the same as the traditional Uber service with a human driver.



Allen J. Schaben

## AUTOMATED VEHICLES

**The Federal Highway Administration announces a \$40 million grant program to support vehicle-to-everything (V2X) technology.** V2X technology allows vehicles to communicate with each other and road infrastructure to promote safety and provide vehicle alerts. The U.S. Federal Communications Commission has designated a certain band of cellular service frequencies to support V2X technology.



Cloud Yew, Dreamstime.com

## ELECTRIC VEHICLES

**Toyota announces developments in their solid-state electric vehicle (EV) battery technology that would have a range of about 745 miles.** Toyota notes that they can produce solid-state batteries at almost the same rate as the lithium-ion batteries and expects that they will be available in 2027 or 2028. With most modern EVs having a range of about 300 miles, the solid-state battery technology is expected to reduce range concerns among consumers.



REUTERS

## TNCs/RIDEHAILING

**Uber announces a plan to import 10,000 BYD EVs to Australia to help their operations reach zero emission by 2040.** Uber drivers in Australia can choose to rent an EV for one year or purchase the vehicle for \$48,000. These efforts are also expected to support the used EV market in Australia.



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