

# Last Week In Innovative Mobility

August 30 - September 5, 2021



## AUTOMATED VEHICLES

**Elon Musk plans to roll out full automation to Tesla vehicle owners in September 2021.** However, Musk's initiative faces mounting pressure from the U.S. National Highway Traffic Safety Administration to evaluate Tesla's Autopilot systems. If the service is deployed, the liability will continue to remain with the driver, rather than Tesla.



## AUTOMATED VEHICLES

**An automated vehicle (AV) testing site in Arizona that Chrysler has used is purchased.** The site was previously used by Chrysler for vehicle testing and sources believe that a company affiliated with Apple purchased the site to continue to develop the Apple Car, an AV. The site is 5,458 acres and located near Phoenix.



## ELECTRIC BICYCLES

**The Schaeffler Group, a components manufacturer, develops a chainless design for electric bicycles.** The Free Drive system converts riders' pedaling power into electric energy through a small generator located between the pedals. The system supports new bicycle designs with fewer moving parts, particularly useful for specially designed bicycles, such as cargo bikes.



## GOODS DELIVERY

**DoorDash workers protest outside of CEO Tony Xu's home.** The group of 50 workers demanded increased transparency for tips, 120% of minimum wage, free personal protective equipment, and pay for vehicle and equipment sanitizing. The protesters are associated with advocacy groups, such as Gig Workers Rising and We Drive Progress.



## URBAN AIR MOBILITY

**NASA and Joby Aviation, an electric aircraft manufacturer, partner to test electric vertical take-off and landing aircraft.** The partners are testing Joby Aviation's six-rotor aircraft and collecting performance and acoustic data to inform future models and simulations. The tests are taking place in Big Sur, California and running through September 10, 2021.



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