

# Last Week In Innovative Mobility

September 14-20, 2020



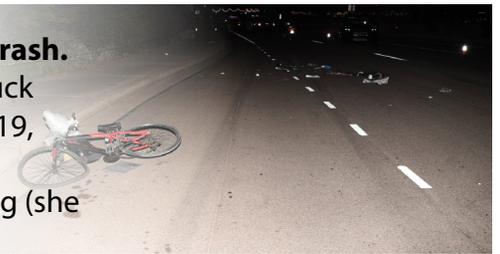
## AUTOMATED VEHICLES

**Zoox, an automated vehicle (AV) company owned by Amazon, receives approval to test vehicles without a driver on California streets.** Zoox has been approved to test at least two AVs in Foster City, where the company is headquartered. The vehicles can operate in fair weather conditions (e.g., light rain and fog) and under 45 miles per hour.

## AUTOMATED VEHICLES

**An Uber AV safety driver is charged with negligent homicide after a fatal crash.**

In 2018, an automated Uber vehicle - with a backup safety driver onboard - struck and killed a pedestrian walking a bicycle across the street at night. In March 2019, prosecutors ruled that Uber was not criminally liable. In November 2019, the National Transportation Safety Board faulted the driver for her distracted driving (she was streaming a television show at the time of the crash).



## ELECTRIC VEHICLES

**Ford Motor Company develops an electric truck designed for heavy-duty hauling and towing.** The truck is expected to be available in mid-2022 and cost half as much as today's trucks to maintain. The electric F-150 truck will maintain similar characteristics of other trucks in the F-series with slight differences.

## ELECTRIC VEHICLES

**General Motors (GM) develops an interchangeable "family" of electric vehicle (EV) systems.** The "family" will have five interchangeable drive units and three motors that can be used in a range of vehicles from pickup trucks to performance vehicles. The development of these EV systems will enable GM to integrate vertically and offer a full EV battery while boosting manufacturing and cost efficiencies.



## URBAN AIR MOBILITY

**Volocopter, a German aircraft manufacturer, announces ticket pre-sales for its future electric air taxi service, VoloCity.** The service is expected to become available in the next two to three years. Tickets are approximately \$355 and include a 15-minute flight within the first 12 months of the service's launch, a video of the trip, and a personalized certificate.

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