

Last Week In Innovative Mobility

March 8-14, 2021



AUTOMATED VEHICLES

Waymo publicizes more data from its automated vehicles. The data release helps the research community and includes over 100,000 driving segments that are about 20 seconds long each, for a total of 570 hours of data. The data include information in Phoenix, Arizona; Los Angeles, Mountain View, and San Francisco, California; Detroit, Michigan; and Seattle, Washington.

ELECTRIC VEHICLES

The United States Department of Energy awards \$18 million in funding for electric and automated vehicles.

The recipients include the University of California, Berkeley for \$3.75 million; Michigan Technological University for \$4.5 million; Ohio State University for \$4.93 million; and Southwest Research Institute for \$5.25 million. The funds are part of phase two of Next-Generation Energy Technologies for Connected and Automated On-Road Vehicles.

A large black sign with "DEPARTMENT OF ENERGY" written on it, set against a backdrop of greenery and flowers.

ELECTRIC VEHICLES

General Motors partners with SolidEnergy, a lithium metal battery developer, to create an electric vehicle battery that can deliver a driving range of 500 to 600 miles on a single charge. The partners are building a manufacturing prototyping line in Woburn, Massachusetts for a high-capacity, pre-production battery. The prototype battery is expected to offer affordability and high performance.

MICROTRANSIT

Via, a microtransit company, acquires Remix, a mapping software platform, for \$100 million in cash and equity. Remix is becoming a subsidiary of Via, and 65 of its employees and two of Remix's co-founders are staying on. The acquisition adds another service and a customer base of more than 350 local governments in 22 countries to Via's portfolio.



TNCs/RIDESOURCING

Uber and Lyft agree to share information on banned drivers to increase safety. Incidents that will be shared between the companies include physical assault resulting in a fatality and the most serious forms of sexual assault. The companies eventually want to share the data with the wider mobility and goods delivery industry.

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Innovative Mobility Research (IMR) focuses on the future of mobility and is based at the Transportation Sustainability Research Center at the University of California, Berkeley