

Last Week In Innovative Mobility

March 1-7, 2021



AUTOMATED VEHICLES

A proposed California Senate Bill (SB 500) requires automated vehicles (AVs) to be zero emission by 2025. SB 500 mandates that commercial vehicle fleets, such as AV fleets, abide by the state's requirement of all new vehicle sales being zero emission by 2035. The bill supports California's climate goals and addresses concerns regarding greater vehicle miles traveled from AVs.



ELECTRIC VEHICLES

Petaluma, California is the first United States city to ban the construction of new gas pumps and stations. The Petaluma City Council unanimously approved a bill to prohibit new gas pump construction and support electric vehicle (EV) charging plugs and other alternative fuel stations. The city's 16 existing gas stations can operate as usual and may be able to add EV charging equipment in the future.



GOODS DELIVERY

Pennsylvania classifies goods delivery robots as "pedestrians." Robotic delivery devices can weigh up to 550 pounds and operate at up to 12 miles per hour in the state. Pennsylvania is one of many states (e.g., Florida, Idaho, Virginia, Wisconsin) who have relatively relaxed legislation regarding robotic delivery devices.



PUBLIC TRANSIT

Mexico City, Mexico launches a cable car line to serve lower-income communities. The "Cablebus" is expected to run almost six miles from the working class neighborhood, Cuauhtepac, to the nearest subway and bus station by June 2021. The cable cars can seat 10 passengers at a time, run on electricity, and travel at 13 miles per hour faster than traffic in the city.



SHARED MICROMOBILITY

Lime plans to spend \$50 million on electric bikesharing expansions. The investment supports designing, manufacturing, and assembling Lime's next generation of electric bicycles. The new model also comes with a more powerful motor and a swappable battery that is interchangeable with Lime's scooters.



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