

Last Week In Innovative Mobility

August 5 - 11, 2024



AUTOMATED VEHICLES

Waymo announces service area expansions in Los Angeles and San Francisco, California. In San Francisco, approximately 10 square miles will be added including Daly City, Broadmoor, and Colma. In Los Angeles, Waymo reports an increase in demand, waitlist sign ups, and about 16 square miles will be added to the service area including Marina del Rey, Mar Vista, and Playa Vista.

Allen J. Schaben/Getty Images

AUTOMATED VEHICLES

Experts expect the U.S. Department of Commerce will propose a ban on automated vehicles (AVs), AV software, and advanced wireless communication modules developed in China. The proposed ban is thought to be related to the potential national security risks associated with the AV technology. Following the proposal, it is expected that industry will have the opportunity to provide comments.

REUTERS/Jashua Roberts/File Photo

PUBLIC TRANSIT

Los Angeles mayor, Karen Bass, announces no-car plan for the 2028 Olympics. Bass explains that the city will expand existing public transit systems and promote remote work during the Olympics. Bass also plans to employ about 3,000 buses to shuttle spectators between event venues in the city.

Martin Adams/Unsplash

TRANSPORTATION TECHNOLOGY

The Boston, Massachusetts transportation department partners with Google Project Green Light to help optimize traffic signals. Using artificial intelligence, Project Green Light suggests signal timing recommendations to reduce traffic congestion and emissions. Project Green Light estimates that the cities they work with experience, on average, a 10% reduction in emissions.

Google Research

URBAN AIR MOBILITY

Archer Aviation reveals plans for an electric vertical take-off and landing (eVTOL) aircraft flight network in Los Angeles, California, beginning in 2026. The eVTOL aircraft can hold four passengers and travel at speeds up to 150 mph. Potential stops for the eVTOL aircraft include the Los Angeles International Airport—at or near other local airports, the SoFi stadium, Woodland Hills, and the University of Southern California.

Archer Aviation

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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

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