

Last Week In Innovative Mobility

February 27 - March 5, 2023



AUTOMATED VEHICLES

May Mobility, an automated vehicle (AV) company, and Via, an on-demand transportation provider, partner to offer thousands of public transit AV rides in the next three years. The partners are working together to incorporate AVs into public transit systems throughout the world. Partners since 2021, May Mobility and Via have provided over 50,000 AV rides together.

Mass Transit

AUTOMATED VEHICLES

Waymo begins testing driverless AVs in Los Angeles (LA), California. Although the details are not confirmed, Waymo's LA service will likely only be available to riders in the Waymo Research Trusted Tester program. Waymo will test its AVs in Santa Monica outside of rush hours.



Nathan Frandino/REUTERS

AUTOMATED VEHICLES

Cruise and Waymo, AV companies, have completed over 1 million driverless AV miles each. Both companies have remote operators who can give the AVs instructions, but they cannot directly respond to the operating conditions. However, only Waymo has published detailed safety data (e.g., descriptions of vehicle incidents).

Cruise

URBAN AIR MOBILITY

An urban mobility innovation expert describes the potential future of the industry including electric vertical takeoff and landing (eVTOL) aircraft and supersonic jets. Concerns about eVTOL aircraft's ability to meet high passenger safety standards exist, but the aircraft present potential opportunities for goods delivery. Supersonic aircraft may be developed as demand increases, although they will likely need to be fueled by net zero carbon fuels.



2022 Boom Supersonic

URBAN AIR MOBILITY

Universal Hydrogen, a carbon-free flight company, tests a hydrogen-powered regional plane. The test flight occurred at Moses Lake airfield in Washington and lasted 15 minutes. Universal Hydrogen's goal is to create a hydrogen-fueled, single-aisle jet.

Universal Hydrogen

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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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