Last Week In Innovative Mobility

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AUTOMATED VEHICLES

Waymo currently offers more than 200,000 robotaxi rides per week across Los Angeles, San Francisco, and Phoenix. In February 2023, the company provided only 10,000 trips per week, and by August 2024, this number had grown to 100,000 trips per week. Additionally, Waymo vehicles now travel a total of one million miles per week, and this weekly mileage is expected to rise as the company expands into new markets.

AUTOMATED VEHICLES

The Jacksonville Transportation Authority has announced the launch of testing for an automated shuttle service along a three-mile corridor. The service will feature 12 stops, with a shuttle arriving every seven minutes. During the initial testing phase, Ford E-Transit vehicles equipped with automated technology will be used, but eventually, the service will transition to the Holon Mover vehicle to be made in Jacksonville.


Jefferey Leaser


Komatsu

ELECTRIC VEHICLES

Komatsu announces testing of the first hydrogen-powered dump truck. The hydrogen engine was developed through a partnership with KEYOU GmbH, a hydrogen engine developer for heavy-duty vehicles. The initial tests will evaluate performance, operating hours, fuel efficiency, and safety measures.

ELECTRIC VEHICLES

According to J.D. Power's U.S. Electric Vehicle (EV) Consideration Study, the top three barriers to EV adoption are related to charging. Respondents identified the availability of public charging, charging time, and driving range per charge as the main obstacles. The study also found a slight improvement in customer satisfaction with public direct current fast chargers.


Anna Barclay/Getty Images


KSBW

ADVANCED AIR MOBILITY

Joby Aviation has announced plans to conduct its first passenger flight in Dubai, United Arab Emirates, by the end of 2025 or early 2026. Currently, Joby has developed five aircraft for its test fleet and is seeking Type Inspection Authorization from the U.S. Federal Aviation Administration. Additionally, Joby expects to receive a $500 million investment from Toyota.

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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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