

# Last Week In Innovative Mobility

July 17 - 23, 2023



## AUTOMATED VEHICLES



Andrej Sokolow

**The San Francisco LightHouse for the Blind and Visually Impaired, a disability advocacy group, supports Waymo service expansions.** LightHouse believes that automated vehicles (AVs), like those from Waymo, provide a safer and more accessible transportation service for people with disabilities. Other advocacy groups are also supporting Waymo AV service expansion in San Francisco, California.

## AUTOMATED VEHICLES

**Tesla is in discussions with another vehicle manufacturers about sharing the Tesla Full Self-Driving (FSD) technology.** Tesla recently invested \$1 billion in supercomputing to support Tesla FSD development. The widespread adoption of this technology would require other vehicle manufacturers to use the Tesla software and hardware in their vehicles.



Tesla

## ELECTRIC VEHICLES



Roberto Baldwin

**Nissan announces its adoption of Tesla North American Charging Standard (NACS) for Nissan's electric vehicles (EVs), starting in 2025.** In 2024, Nissan will provide Nissan Ariya owners with a Combined Charging System (CCS) to NACS adapter to allow earlier access to the Tesla charging network. However, an adapter will likely not be provided for the Nissan Leaf, which is equipped with the CHAdeMo plug.

## ELECTRIC VEHICLES

**An Inflation Reduction Act clause that qualifies EV batteries made from recycled material in the U.S. for subsidies encourages companies to expand EV battery recycling efforts.** Some battery materials may be in short supply in the upcoming years, and recycling battery materials can help prevent the effects of a shortage. Currently, China is the leader in EV battery material recycling.



REUTERS/Nick Carey

## SHARED MICROMOBILITY



Tim Clayton/Corbis

**The U.S. Bureau of Transportation Statistics reports that bikesharing program use grew in six major U.S. cities during 2022.** The cities include Boston, MA; Chicago, IL; Jersey City, NJ; New York City, NY; San Francisco, CA; and Washington, D.C. In 2022, bikesharing use grew by 27%, relative to pre-pandemic usage, and nearly 45 million bikesharing trips occurred in the six cities.

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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

