

# Last Week In Innovative Mobility

September 23 - 29, 2024



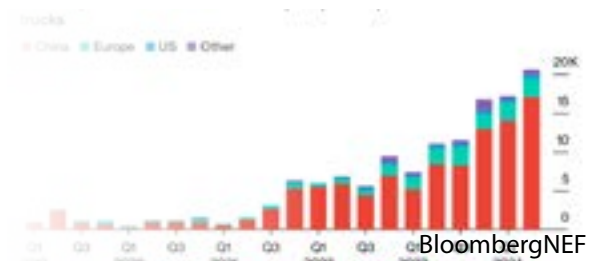
Amaya Edwards/The Chronicle

## AUTOMATED VEHICLES

**California Governor Gavin Newsom vetoes Assembly Bill (AB) 3061 and AB 2286 related to automated vehicle (AV) regulation.** The two bills would have required additional reporting from AV companies and automated heavy-duty vehicles to have a human operator. Newsom explains his reason for vetoing AB 3061 data reporting is because the California Department of Motor Vehicles is drafting their own AV regulations.

## ELECTRIC VEHICLES

**Recent research from BloombergNEF finds China leads in sales of zero emission medium- and heavy-duty vehicles (HDVs).** Data suggest electric HDVs lead in sales compared to plug-in hybrid and hydrogen fuel cell HDVs. Additionally, the study finds decreases in lithium-ion battery costs may lead electric HDVs to become cost competitive with diesel HDVs by 2030 in certain areas.



BloombergNEF



Las Vegas Review Journal

## RAIL TRANSPORTATION

**The Federal Railroad Administration grants \$3 billion to Brightline West to support the high-speed rail project connecting Las Vegas, Nevada and Southern California.** The total cost of the project is expected to be \$12 billion, and the U.S. Department of Transportation already approved \$3.5 billion in private bonds. Heavy construction on the rail project is expected to begin within the next year.

## TNCs/RIDEHAILING

**Lyft announces a partnership with Smartcar to ensure electric vehicle (EV) drivers only receive ride requests within their available range.** In addition, the Smartcar tool prompts EV drivers to charge when their battery reaches 20 percent or less. This technology is expected to reduce concerns about EV range among ridehailing drivers.



Kelly Sullivan/Getty Images

## URBAN AIR MOBILITY

**A recent market report identifies plans around the world to build vertiports and support electric vertical take-off and landing (eVTOL) aircraft.** The report suggests over 1,000 vertiports are being planned and may be operational by 2028. However, the author notes the number of operational vertiports is likely to decrease due to regulatory challenges and program failures.



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