

Last Week In Innovative Mobility

October 25 - 31, 2021



AUTOMATED BOATS

Automated boats debut in Amsterdam. The MIT Computer Science & Artificial Intelligence Lab is testing the Roboat III, a self navigating boat. The designs for the final boat iteration include the capacity to carry five passengers or 1,500 kilograms (approximately 3,306 pounds) of cargo, wirelessly charge, and maintain a 10-hour battery life.



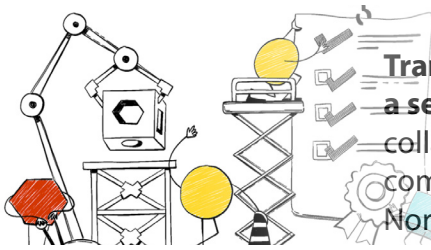
AUTOMATED VEHICLES

Cruise, an automated vehicle company, plans to have vehicles operational without a driver onboard by 2022. In California, Cruise only needs one more permit from the Department of Motor Vehicles before accepting compensation for driverless rides. Part of Cruise's automation timeline is dependent on its integration with General Motors (GM).



DATA SHARING

Transportation stakeholders present the Privacy Principles for Mobility Data, a set of guidelines to protect riders' data. The guidelines were developed by a collaboration of over 20 cities, mobility operators, privacy advocates, technology companies, and other organizations. The guidelines were presented at the annual North American Bikeshare and Scootershare Association conference.



ELECTRIC VEHICLES

GM plans to implement 40,000 public fast chargers in North America. The investment is expected to cost around \$750 million and installation will begin in 2022. GM is currently planning on locating the chargers near GM dealerships, since almost 90% of the U.S. population lives within 10 miles of one of GM's dealerships.



PUBLIC TRANSPORTATION

Austria offers a new public transportation fare option, Klimaticket (climate ticket), that costs 3.50 USD a day. The pass is priced annually at approximately 1,267 USD and covers all public transportation modes, including transfers. The ticket was proposed 15 years ago and is designed to encourage people to shift from personal vehicles to public transportation.



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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

