

LAST WEEK IN INNOVATIVE MOBILITY

April 17th - April 23rd, 2017



BIKESHARING

Beijing-based dockless bikesharing startup Ofo launches a free three-week trial in Cambridge, U.K. Twenty bikes will be available through Ofo's mobile app, which allows users to locate and unlock bicycles. Ofo plans to deploy 500 bikes in the U.K. The results of the current trial will determine whether the additional bicycles are launched in Cambridge or in other cities. Globally, Ofo is planning to expand to 20 countries this year.

VEHICLES

Velodyne LiDAR announces a new low-cost, fixed-laser, solid-state LiDAR (Light Detection and Ranging) sensor for automated vehicles. LiDAR sensors currently on the market rotate 360 degrees and cost tens of thousands of dollars. Velodyne's new sensor has a 120-degree field-of-view, is compact enough to fit in fenders or mirrors, and has a target price of \$250 per sensor of which a single vehicle will need at least three.



CARSHARING

Peer-to-peer carsharing service Getaround raises \$45 million in Series C funding led by Braemer Energy Ventures with participation from Toyota Motor Corp and China's SAIC Motor. Getaround currently claims 500,000 monthly active users in 13 cities and is planning to expand to new markets in North America. In total, Getaround has raised \$85 million since it was founded in 2009.

VEHICLES

Baidu is open sourcing its automated vehicle (AV) software platform to welcome collaboration with third parties and accelerate the development of AVs. The first stage of the effort, called the Apollo project, will release technology for automated driving in restricted environments in July 2017. Technology for AVs operating in urban road conditions will be released by the end of 2017.



CARSHARING

Bolloré launches an electric vehicle (EV) carsharing service in London, called Bluecity. Initially, 30 EVs will be available across 85 charging points in the London Borough of Hammersmith and Fulham. The program is expected to expand to more than 1,000 charging points by the end of 2017. Local residents will be offered a year's free membership and 20 hours of free driving.

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Innovative Mobility Research (IMR) is based at the Transportation Sustainability Research Center (TSRC) at the University of California, Berkeley