LAST WEEK IN INNOVATIVE MOBILITY
February 20th - February 26th, 2017

VEHICLES
In 2018, BMW vehicles with Mobileye's Road Experience Management (REM) system will begin contributing to HERE’s HD Live Map for automated vehicles. REM processes images from vision sensors to detect changes in the driving environment. The data are aggregated and shared with HERE's HD Live Map to transmit the information back to the vehicles, allowing for services like dynamic rerouting to avoid lane closures.

RIDESOURCING/TNCS
Uber begins offering rides in automated vehicles in Tempe, Arizona. The launch comes almost two months after the fleet of automated Volvo XC90 SUVs was withdrawn from San Francisco. The automated Uber trips will be overseen by two Uber engineers in the front seats of the vehicles, ready to take control if necessary. Uber plans to expand the pilot to other cities in Arizona in the coming weeks.

RIDESHARING
Following successful pilots in Israel and San Francisco, Waze CEO Noam Bardin reveals plans to expand Waze Carpool to several U.S. cities and Latin America. Waze Carpool riders currently pay drivers 54 cents a mile, the Internal Revenue Service’s reimbursement rate for business travel with a personal car. However, the company is considering charging riders a 15% commission in the future, if the service catches on.

RIDESOURCING/TNCS
Lyft launched in 54 cities across 15 states in one day this past week. The company plans to launch in a total of 100 cities in 2017. With 40 cities launched earlier in the year, Lyft has only 6 launches left to meet their goal. Lyft also announced a partnership with AAA, allowing AAA customers to receive Lyft credits to use while their cars are being serviced.

VEHICLES
Embark, an automated truck startup backed by Maven Ventures, launches out of stealth. Embark’s automated driving system is built to drive on the highway, relying on truck drivers to navigate local roads. The company has already obtained a permit to test their technology on public roads in Nevada.

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

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