



UC Davis STEPS PROGRAM

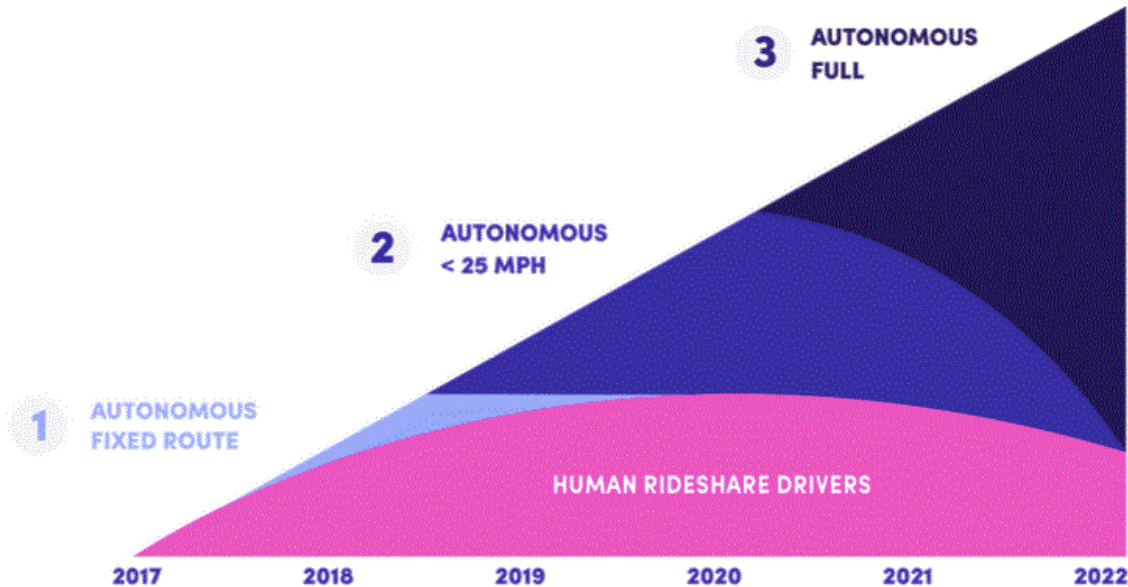
Miguel Jaller

December 1st, 2016

2017 Project: The Technical

- **Impacts of Shared Mobility Services on First/Last Mile Transit Access Programs: Travel Demand, Energy and Emissions (Proof of Concept)**
 - **Develop and integrate a first and last mile shared mobility service with San Francisco activity based model**
 1. **Analyze mode choice models in MTC-ABM**
 2. **Identify variable thresholds for mode shift**
 3. **Continuous approximation model to simulate pick-up and drop-off travelers to/from Transit Stations**
 4. **Simulate the system**
 5. **Test scenarios (e.g. vehicle technology, automation)**

2017 Project: Shared Mobility Services + AVs



The WePod has already been tested in private areas in Finland and Switzerland



2017 there

Lyft's autonomous roll out. | Lyft



JAMES KNOX | TRIBUNE-REVIEW



ARDIAWAN BIOGOLU

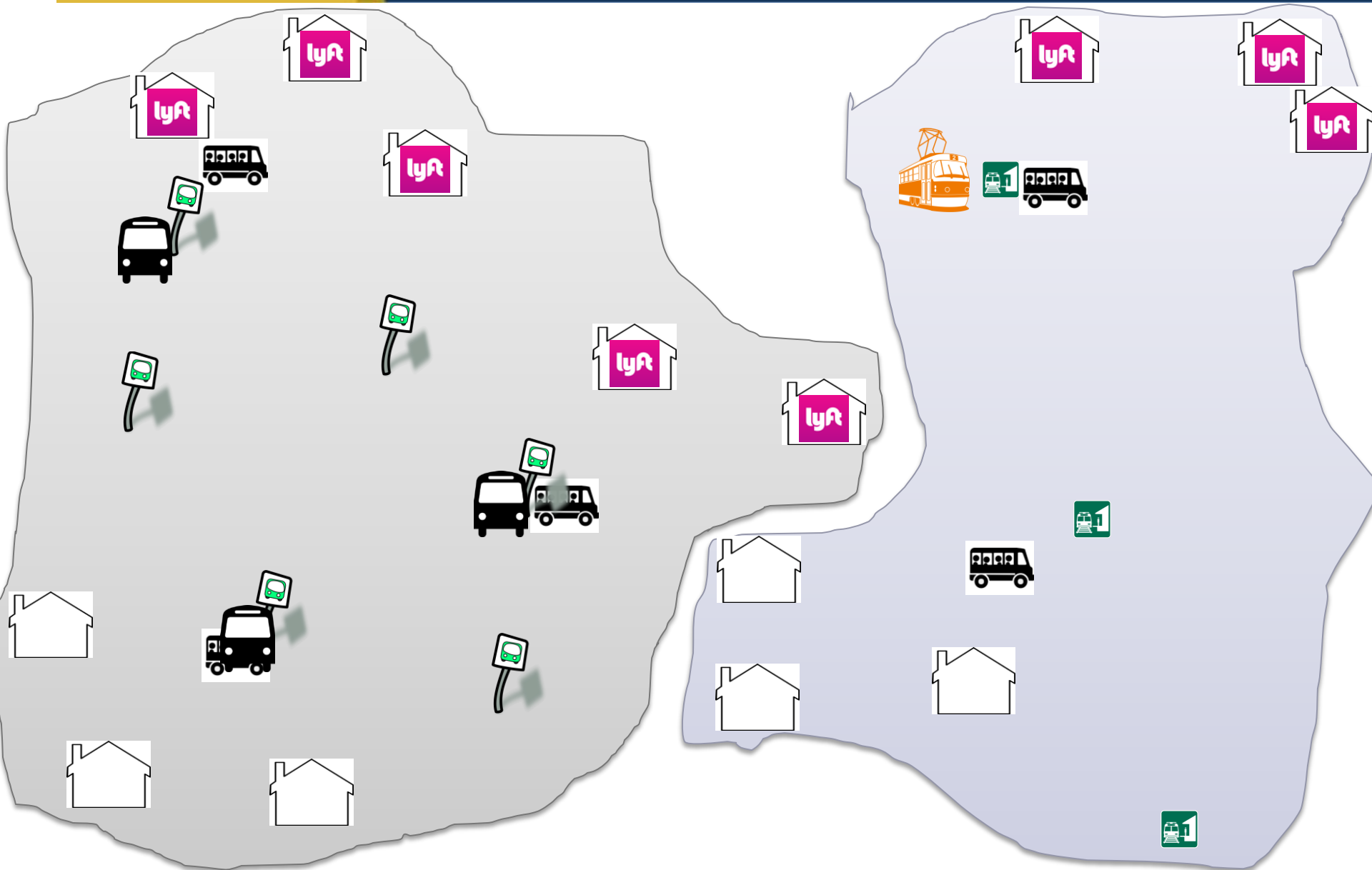
OLLI
YOUR FRIENDLY
NEIGHBORHOOD
MOBILITY SOLUTION.



Uber's unveiling of its autonomous fleet Tuesday Sept. 13, 2016, from their Pittsburgh headquarters in the Strip District.

One of Uber's self-driving Volvos was spotted in Pittsburgh's Oakland neighborhood.

2017 Project: The Graphics



The Future: Expanding to Freight



zipline

The Future of Healthcare
is Out for Delivery

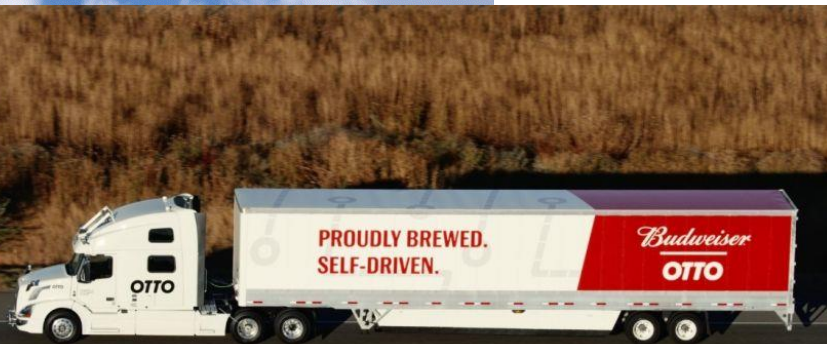


Estonia-based Starship Technologies has built a fleet of small battery-powered delivery robots (Photo: Starship Technologies)



by xavier gordillo

Charles Bombardier



	MATTERNET	Flirtey	dispatch	Marble
Headquarters	Menlo Park California United States	Reno Nevada United States	South San Francisco California United States	San Francisco California United States
Website	mtr.net	flirtey.com	dispatch.ai	marble.io
Status	Private	Private	Private	Private
First Funding	2014	2014	2015	2016
VC Backed	Yes	Yes	Yes	Yes
# of Investors	16	8	3	2
Days Since Last Funding	33	342	154	150
Total Disclosed Funding	\$11.51M	\$3.75M	\$2.02M	Undisclosed
Last Funding Round	\$9.48M Series A Aug 16, 2016	\$3.75M Seed VC Oct 1st 2016	\$2M Seed VC Apr 8th 2016	Seed VC Apr 10th 2016
Investors	Undisclosed Investors Daimler	Merix Ventures Cornish Capital Sequoia Venture Partners Partho Ventures Qualcomm Ventures	Investors Andreessen Horowitz Precursor Ventures	Investors Promus Ventures Lamson Labs Eclipse Ventures
Twitter Metrics	@matternet Followers 4,564	@Fly_Flirtey Followers 1,835		

Parcel Deliveries



2 orders received

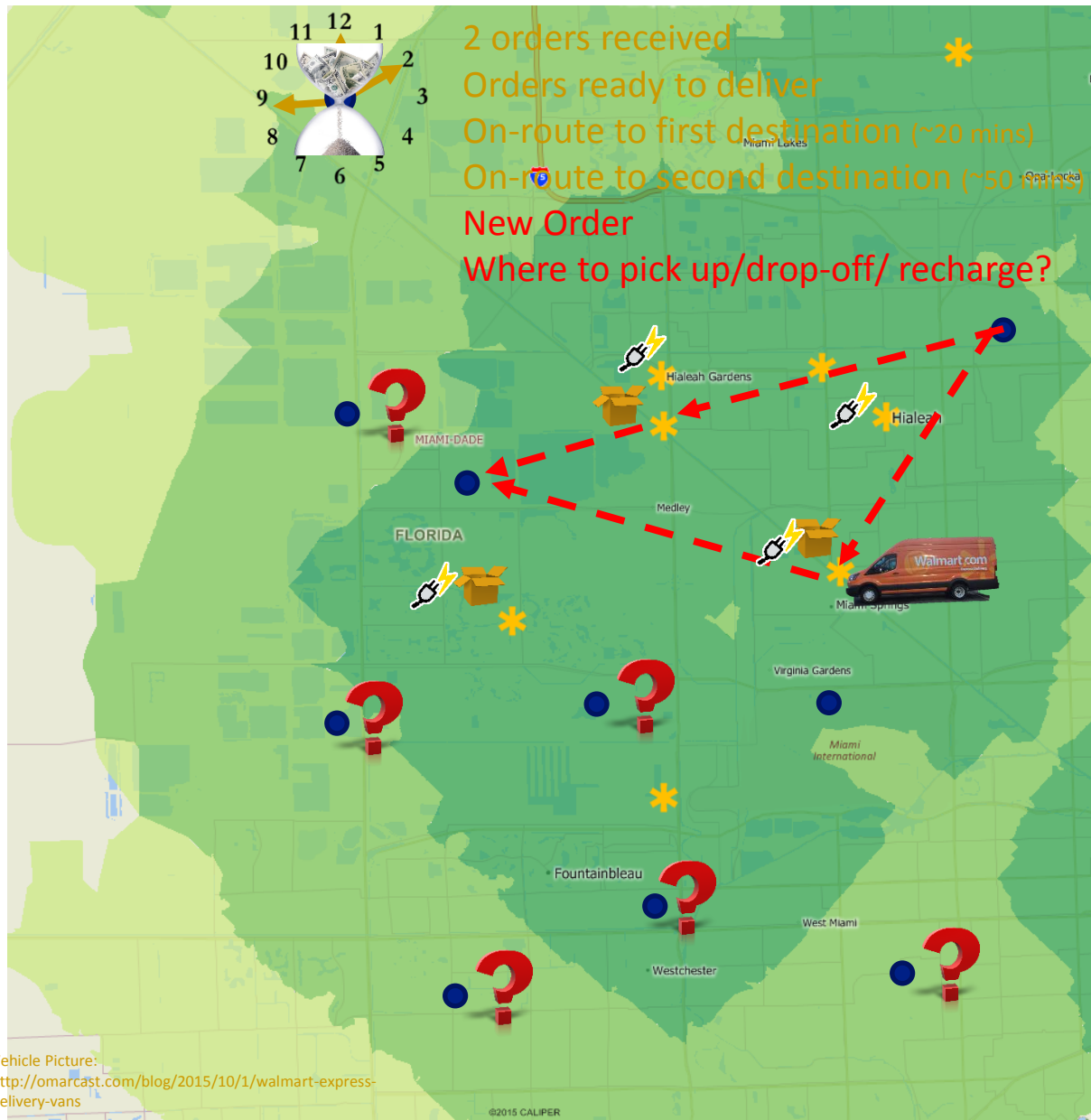
Orders ready to deliver

On-route to first destination (~20 mins)

On-route to second destination (~50 mins)

New Order

Where to pick up/drop-off/ recharge?



Vehicle Picture:
<http://omarcas.com/blog/2015/10/1/walmart-express-delivery-vans>