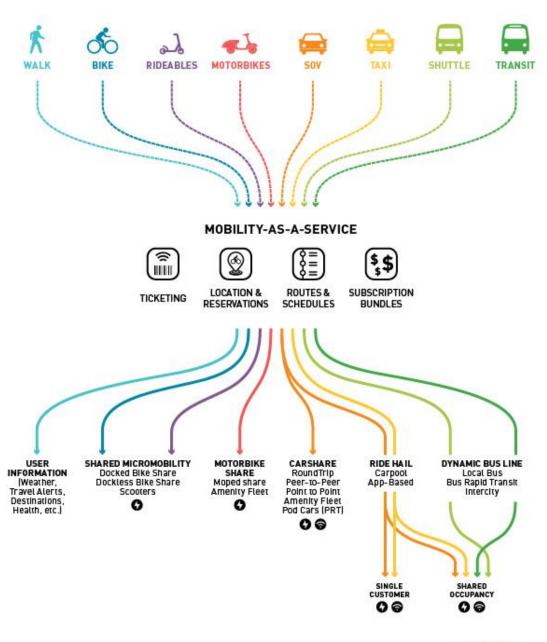


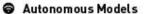
THE RISE OF MICROMOBILITY

JEAN CROWTHER, AICP

ALTA INNOVATION LAB
SEPTEMBER 20, 2018
WWW.ALTAPLANNING.COM















Multimodal Private Sector

Uber is piloting a bike-sharing service with JUMP

Posted Jan 31, 2018 by Megan Rose Dickey (@meganrosedickey)











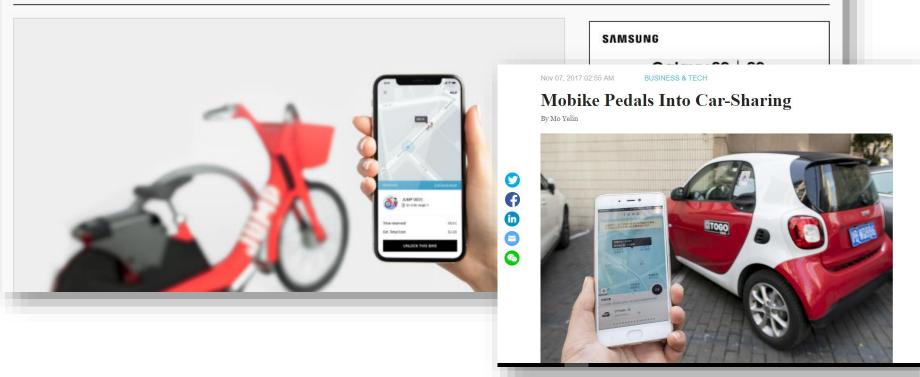






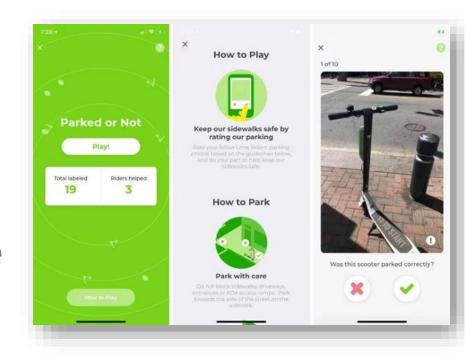








- Tension among caps, coverage rules and response times
- Aggregation for Mobility-as-a-Service
- Sponsored infrastructure upgrades
- Use of in-app education and rider engagement













First/Last Mile





- Proactive compliance & enforcement
- Increase in # vehicles
- Parking strategies
- Caps on number of companies
- Enhanced equity requirements
- Increase usage for first/last mile
- Funding for program management (net zero cost to city)

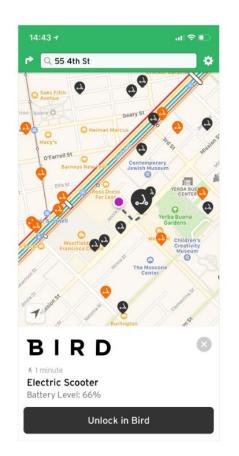


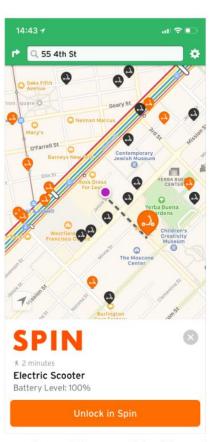
On the Horizon...

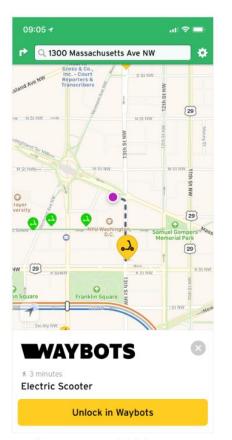
- E-bike share
- Continued integration with transit
- Continued expansion to underserved neighborhoods
- Meaningful data and data specifications
- New financial models

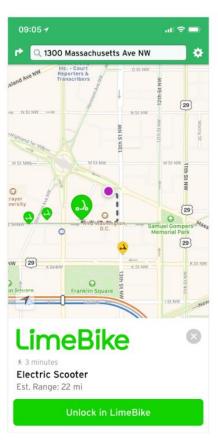


Aggregation Challenge





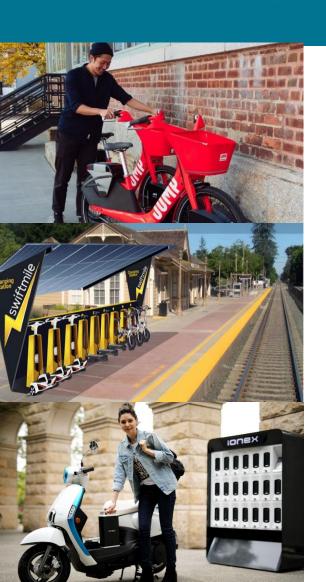




Once you find a scooter, we'll deep-link you to the corresponding app, so you can unlock it. Easy peasy.



Charging Challenge



Current

- Companies recharge at night
- Companies swap batteries
- Paid "Juicers"
- BYOB (as in battery)

Emerging

- Multiple, proprietary recharging stations?
- Single standard for recharging for all vehicles?
- Single swappable battery?

"Whoever can solve that at scale in many cities is going to have a very strong operating advantage," Rzepecki says.

(Curbed, June 28, 2018; https://www.curbed.com/2018/6/28/17515758/electric-bike-share-cycling-city-transportation)



Mobility Hub Integration

