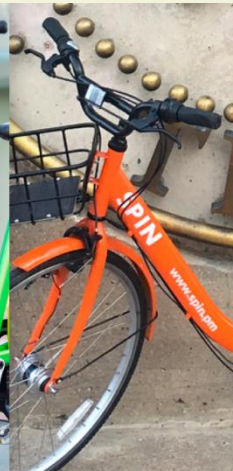# Dockless Bikeshare and/or Scooters in Clackamas County

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# Weaknesses of CCC's Bike Rental Program

- Pedal-powered bikes
- Renters responsible for repairs & preventing theft
- Transportation Office staff are not always available

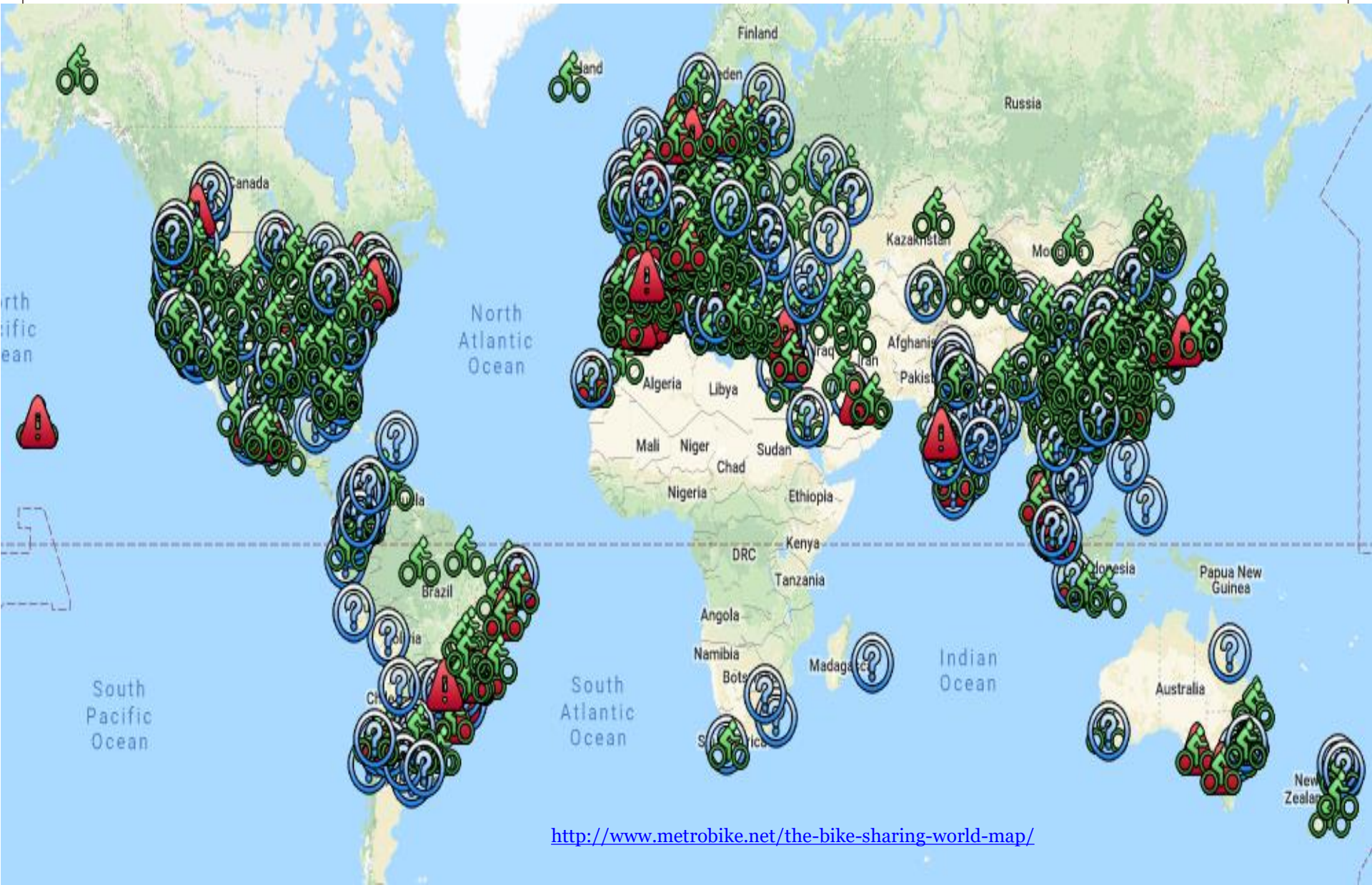# What are dockless bikeshare and scooters?

- Dock-based vs. dockless bikeshare
  - Dock-based bikeshare requires stations
  - Dockless bikeshare does not require stations
- Scooters
  - Do not require stations
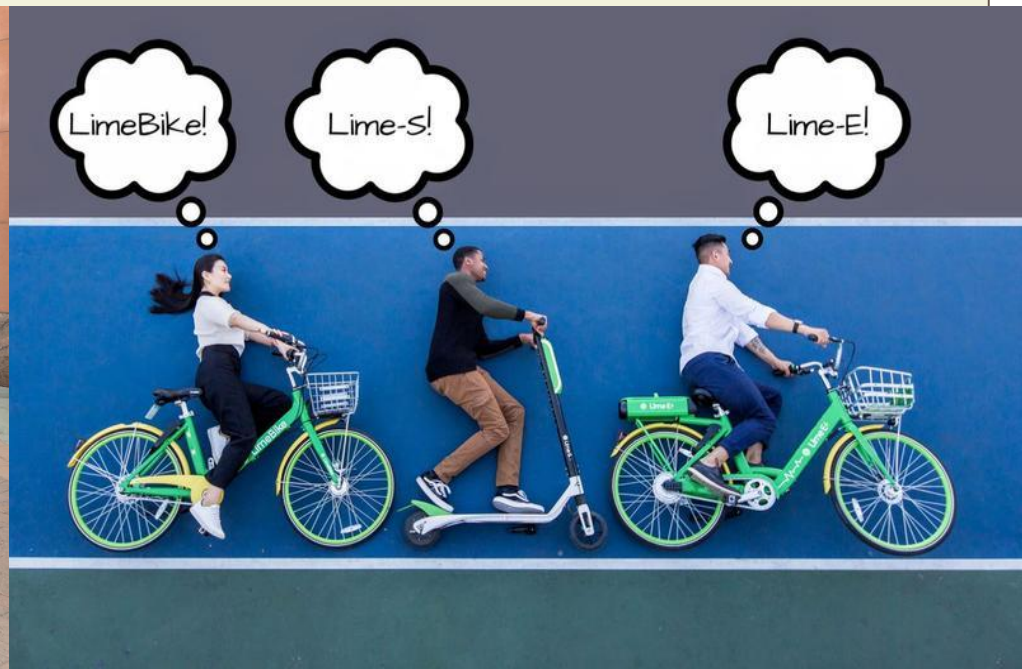
Charging JUMP's E-Bikes

Existing and Planned Bikeshare Programs

Metro's PILOT Program

- Metro's Partnerships and Innovative Learning Opportunities in Transportation (PILOT) program
  - $150,000 in one-time, competitive grants
    - Metro expects to fund 1-3 pilot projects
  - Letter of Interest submitted October 26
  - Application open December 3 through January 18
  - Project(s) selected in mid-March
  - Contract(s) drafted and signed March-June
  - PILOT project(s) are funded for 2 years
    - July 2019-June 2021

City of Milwaukie's Letter of Interest

- Clackamas Community College is partner
- Clackamas County, Cities of Oregon City and West Linn interested
  - Service area limit to be determined
    - Service area can be expanded
- Project focused on resolving first- and last-mile transportation issues
  - Promote transfer between TriMet and bikeshare/scooters
    - Bike/scoot from MAX Green Line to Harmony campus
  - Equity lens to be used
    - Most existing bikeshare/scooter users are white, male and wealthy

Potential Issues

- Parking concerns
  - Dockless bikeshare
  - Scooters
- Equity of users
  - Users are typically white, male and wealthy
- Credit card only
  - Does operator accept cash or can TriMet's Hop card be used?
- Locate bikes/scooters without app
  - Can operator send users text message with bike/scooter location near users?

Resolving Dockless Bikeshare Parking Issues

Our approach to smart parking

- Educate users on legal bike parking;
- In-app instructions on how & where best to park;
- Geo-fence existing legal parking areas;
- Reward riders for parking properly;
- Partner with cities to develop more bike-friendly parking;
- Operations teams respond to parking concerns.

Available Bikes

P Recommended Parking Spots

Resolving Dockless Bikeshare Parking Issues

Resolving Dockless Bikeshare Parking Issues

Creating Regulations and Permit Programs

REGULATION BREAKDOWN

Data Collection by Riley O'Neil & Brandon Bordenkircher

KEY:
🚲 = YES
N/A = INFORMATION NOT FOUND

Regulations & Requirements	St. Louis, MO (Pilot)	Portland, OR (2012 Contract)	Washington DC (Pilot)	Seattle, WA (Pilot)	Charlotte, NC (Pilot)	San Francisco, CA (Pilot)	Dallas, TX (Pilot)	Houston, TX (Pre-Pilot)	Los Angeles, CA (Pilot)	New York City, NY (Pre-Pilot)
OPERATIONS & MAINTENANCE										
City Has Rights of Removal/ Prepared for Termination	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Dockless Vendors Incur All Liability & Fees	YES	YES	YES	YES	YES	YES	N/A	YES	YES	YES
Accessible Contact Info on Bikes & City Website	YES	YES	YES	YES	YES	YES	N/A	YES	YES	YES
Detailed Bike Maintenance Requirement	YES	YES	YES	YES	YES	YES	N/A	YES	YES	YES
ETHICAL STANDARDS & DATA LAWS										
Equity Requirement for Undeserved Neighborhoods	YES	YES	YES	YES	N/A	YES	N/A	YES	YES	YES
Dockless Service Must be Multilingual	N/A	N/A	N/A	N/A	N/A	YES	N/A	N/A	N/A	YES
Must Provide Non-Smart Phone Option	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES
ADA Adherence	YES	YES	YES	N/A	N/A	YES	N/A	N/A	YES	YES
ADA Mobility Options	YES	YES	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Data Sharing	YES	N/A	YES	YES	YES	YES	N/A	YES	YES	YES
FLEET SIZE, REBALANCING, & PARKING										
Allowed Initial Fleet of 500 Bikes or More	YES	N/A	N/A	YES	N/A	YES	YES	YES	N/A	N/A
Fleet Phasing Strategy	YES	N/A	N/A	N/A	YES	N/A	N/A	N/A	YES	YES
Designated Hours for Rebalancing & Maintenance of Public Right-of-Way	YES	N/A	YES	YES	YES	YES	N/A	YES	YES	YES
Bikes Must Be Parked Upright	YES	YES	N/A	YES	YES	YES	N/A	YES	YES	YES
Suggestions for "Corral" Installation or a "Hub Centric Model"	N/A	YES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES
Set Geofence Boundaries	YES	YES	YES	YES	N/A	N/A	N/A	YES	YES	YES
SAFETY										
Dockless Vendors Required to Educate Users	YES	YES	YES	YES	YES	YES	YES	YES	YES	YES
Insurance Coverage & Set Reimbursement Cap	YES	N/A	YES	YES	YES	YES	YES	YES	YES	YES
Helmet Law	N/A	YES	YES	YES	YES	YES	N/A	N/A	YES	YES
Gamification Requirement to Give Riders Incentive for Good Behavior	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	YES

Process to Launch Bikeshare/Scooters

- Metro's PILOT Program
  - Letter of Interest
  - Feasibility of bikeshare and/or scooters
    - Public outreach
  - Application
- County, Cities, and CCC create regulations and permit programs
  - Public outreach
  - Request for Proposals
- Contract to launch bikeshare and/or scooters
  - Public outreach

Discussion

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