

# **Dockless Bike Share 2018 Pilot**

Bronx Community Board 7

June 7, 2018



# **2018 Dockless Bike Share Pilot**

**Presentation Overview** 

- What is Bike Share?
- Five-Borough Bike Share
- Summer 2018 Pilot
- Community Feedback
- Questions

What is Bike Share?

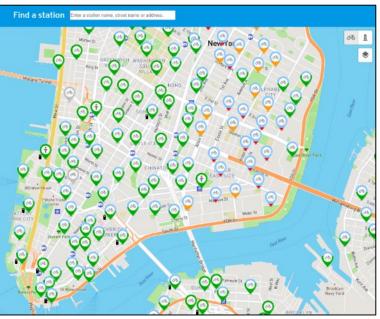


## What is Bike Share

## Shared-use mobility

- Network of shared bicycles
  - Intended for point-to-point transportation
- Increased mobility
  - Convenient for trips that are too far to walk, but too short for a taxi or the subway
- Always available
  - System operates 24/7
- Payments vary
  - Pay-per-ride or memberships available





## **Bike Share in NYC Today**

## Citi Bike

- Public-private partnership
- 12,000 bikes at 750 stations
- Users purchase annual or shortterm memberships
- No City funds used







# What is Dockless Bike Share

### New service model

## Model details

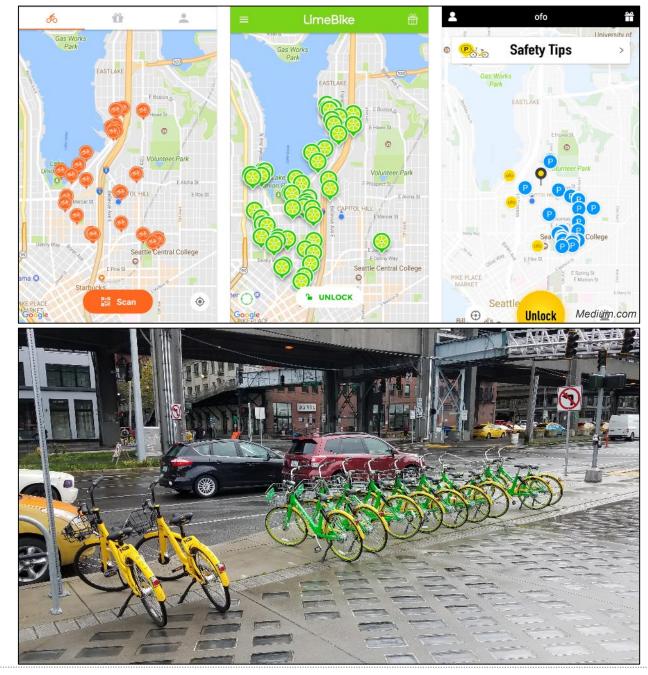
- No stations
- Parking on sidewalk
- Geofencing with GPS-enabled bikes
- Primarily smartphone based
- Two types
  - Free-locking
  - Lock-to
- Potentially lower capital costs





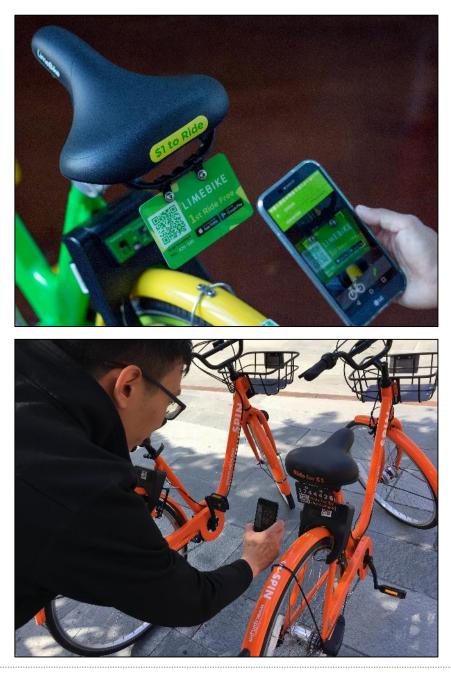
Smartphone app based

• Search



Smartphone app based

- Search
- Scan



### Smartphone app based

- Search
- Scan
- Unlock





### Smartphone app based

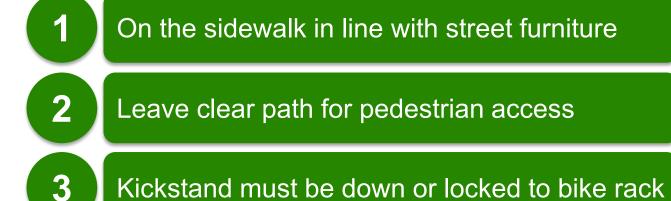
- Search
- Scan
- Unlock
- Ride





### General Parking Guidelines

- Search
- Scan
- Unlock
- Ride
- Park/Lock





Five-Borough Bike Share

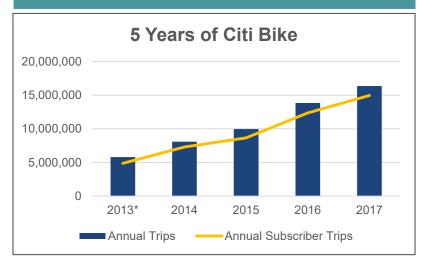


# **Five-Borough Bike Share**

Promote and expand bike share

- 5 years of Citi Bike
  - Launched May 2013
- High usage in service area
  - Widely adopted within network
- Evaluate dockless model
  - Potentially lower capital cost
  - Opportunity to bring bike share quicker to more neighborhoods
  - Summer pilots will help test if this model works for NYC

#### **16.3 million** Citi Bike trips in 2017





# **Safety in Numbers**

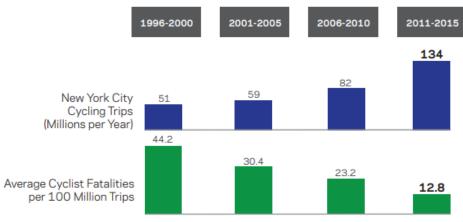
Increasing cycling trips

## • 2017 Safer Cycling Report

- More cyclists = safer riding for all cyclists
- Cyclist killed and severely injured (KSI) declined in Citi Bike zone



Figure 9. Average Cyclist Fatalities per Million Trips



#### Figure 12. Cyclist KSI Before & After Bike Share Launch

Zone	Average Cyclist KSI Before (2010 - 2012)	Cyclist KSI After (2014)	Percent Change
Inside Bike Share Zone	165	137	-17%
Outside Bike Share Zone	233	224	-4%
Total	398	361	-9%

# Safe Cycling

Promoting a safe cycling environment

## DOT Promotes cycling safety with:

- Helmet fittings
- Light and bell giveaways
- Safety awareness classes
- Commercial cyclist workshops



Summer 2018 Pilots

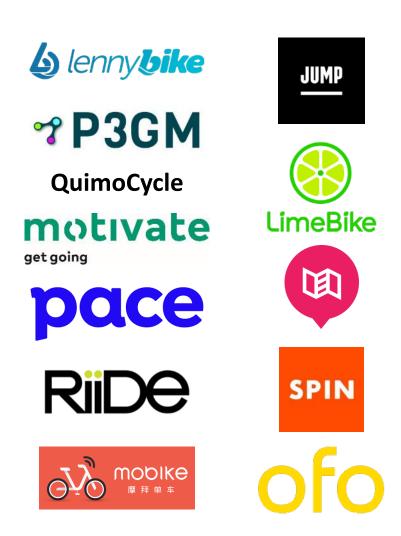


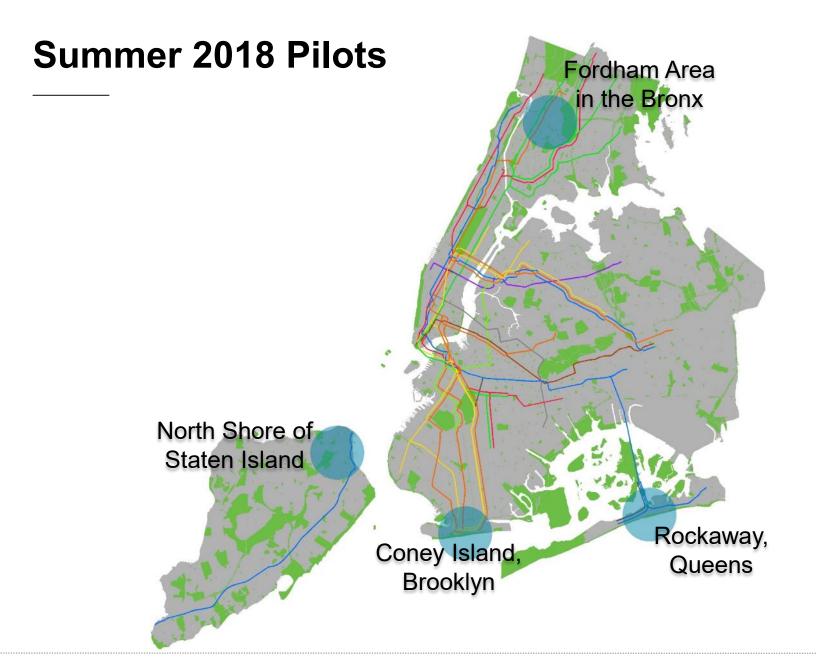
## Summer 2018 Pilots

## **RFEI** Respondents

## Pilot Program Respondents

- JUMP
- Lennybike
- LimeBike
- MetroBike
- Mobike
- Motivate
- ofo
- pace
- P3GM
- Quimo
- Riide
- Spin



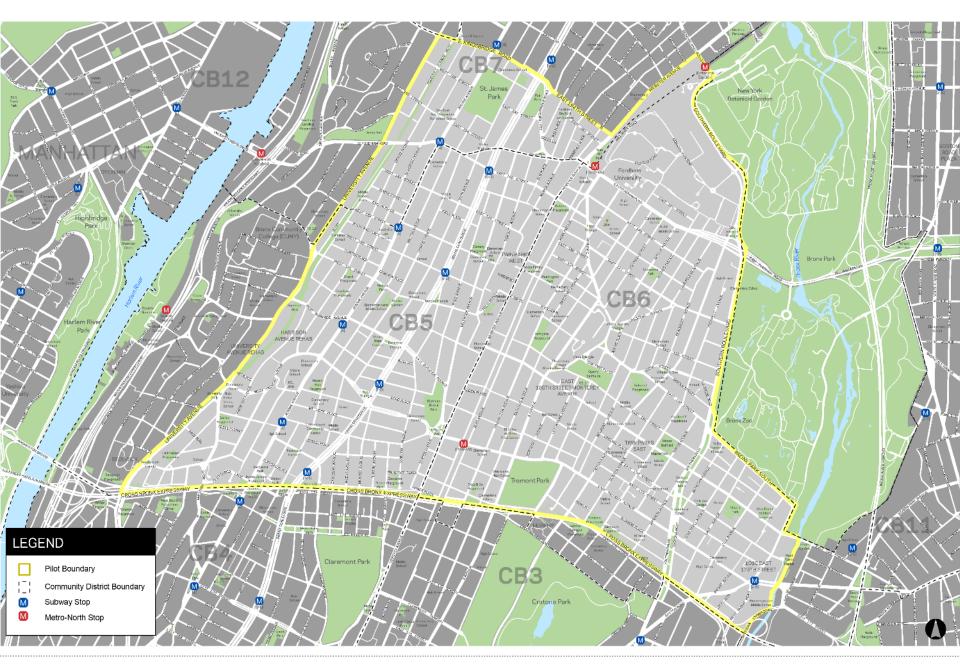


## Summer 2018 Pilots

Small scale, short term

- Goals
  - Test different models
    - Free-locking bikes
    - Bikes that lock to bike racks
    - Pedal bikes
    - Pedal-assist bikes
  - Apply lessons learned and community feedback for future pilots





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**Community Feedback** 



# **Public Participation**

## Everyone has a voice

### Contact the pilot operator

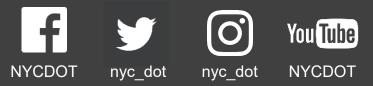
- All bikes will have easy-to-find customer service numbers
- Contact 311
  - Report any issues and get general information
- Contact DOT
  - Staten Island Boro Commissioner's Office
    - 212-839-2400

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Make a Payment →	Housing & Development	Public Safety	•	Social	Services	,
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# **Thank You!**

**Questions?** 





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