Dockless Bike Share 2018 Pilot

Staten Island Community Board 1

June 12, 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 short-term 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**
How does it work?

Smartphone app based

- Search
How does it work?

Smartphone app based

- Search
- Scan
How does it work?

Smartphone app based

- Search
- Scan
- Unlock
How does it work?

Smartphone app based

- Search
- Scan
- Unlock
- Ride
How does it work?

General Parking Guidelines

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

1. On the sidewalk in line with street furniture
2. Leave clear path for pedestrian access
3. Kickstand must be down or locked to bike rack
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

5 Years of Citi Bike

- Annual Trips
- Annual Subscriber Trips

2013* 2014 2015 2016 2017

0 5,000,000 10,000,000 15,000,000 20,000,000

*2013 data not available
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](image)

![Figure 12: Cyclist KSI Before & After Bike Share Launch](image)
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

- North Shore of Staten Island
- Coney Island, Brooklyn
- Rockaway, Queens
- Fordham Area in the Bronx
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
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

More ways to provide feedback coming soon!
Thank You!

Questions?