Dockless Bike Share 2018 Pilot

Bronx Community Board 5

June 5, 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

16.3 million trips were taken on Citi Bike 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

![Graph showing increase of NYC cycling trips from 1996 to 2015.](image)

From 1996 to 2000, NYC saw an average of 51 million cycling trips per year. From 2011 to 2015, there was an average of 134 million cycling trips per year.

![Graph showing average cyclist fatalities per 100 million trips.](image)

From 1996 to 2000, there was an average of 44.2 fatalities per 100 million trips. From 2011 to 2015, there was an average of 12.8 fatalities per 100 million trips.
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

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
- Fordham Area in the Bronx
- Coney Island, Brooklyn
- Rockaway, Queens
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?