

University of Nairobi : Bike Share Programme

#UoNBikeShare

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C4DLab, University of Nairobi

Overview

1. C4DLab
2. #UoNBikeshare Journey
 - Bike Share Interest
 - Feasibility Study
 - Stakeholders
 - Design
 - Funding
 - Pilot
3. Phases
4. Implementation Considerations

What C4DLab

- 1. Emerged from School of Computing and Informatics – 2012**
- 2. One of University of Nairobi's Innovation hubs**
- 3. Focus on Software (startups and public good products)**

Main Pillars

- 1. Startup Incubation**
- 2. Innovation Ecosystem Development**
- 3. Research & Product Development**

#UoNBikeshare Journey

- Bike Share Interest



C4DLab startup
(SifaSafi) develops
interest (2014)

SifaSafi
crowd
sources 3
bikes to pilot

Interesting
outcome. UN-
Habitat expresses
interest to support

SifaSafi asks
C4DLab to help
implement
(2015)

Feasibility Study

- Bike Share Feasibility Study Summary
 - **Public Survey**
 - **Lessons from Other Bike Shares**
 - **Stakeholders**

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Public & Stakeholder Engagement



Design: How might a Bikeshare program work?



Funding

- UN-Habitat
- UoN – C4DLab
- J.S. Research

Phases

(minimum viable product):

- Phase 1
 - *Delivery and safe + strategic location of bikes*
 - *One site*
 - *Bike Lending*
 - *Awareness*
 - *Operational model testing (start simple)*
 - *Small administrative team*
 - *4-6 months??*
 - *Manual lending system*



Phases

(minimum viable product):

- Phase 2
 - *Second site*
 - *Wider but constraint in geographical reach*
 - *Bike sharing – depositing in second location*
 - *Operational model testing – slightly complex*
 - *Bigger administrative team*
 - *Automation*
 - *4-6 months*



Phases

(Gain Traction)

- Phase 3:
 - *Outside University*

Implementation Considerations

- Procurement
- Funding
- Branding and Marketing
- Safety Concerns
- Security Concerns
- Maintenance
- Cycling infrastructure
- User Experiences
- Ownership



Thank You!

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