Community
Data Meeting #1

Thursday 13th August 2020

Introductions

KPSP - KDI - TunapandaNET - MIT

Meeting Agenda

- **Introductions (25 min)**
  - 15 min presentation:
    - Participants/Icebreaker (KDI)
    - Meeting Aims
    - Project Concept
    - Internet Use and Limitations
  - 10 min breakout (KDI):
    - Possible Project Names

- **Everyday Data (35 min)**
  - 10 minute presentation:
    - What is Data?
    - Examples of data use in Kibera
    -
  - 15 min breakout (KDI):
    - Brainstorm possible uses for data
  - Illustrated data use for CBOs

- **Moving Forward (15 min)**
  - 5 minute presentation:
    - Timeline
  - 10 min:
    - Final Q&A and wrap-up

Meeting Aims

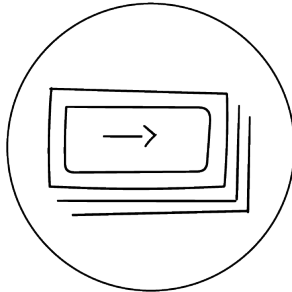By the end of the meeting, we hope to answer the following questions:

- What is this project?
- What would we like to name the project?
- How collecting community information (data) is important to the project?
- How can we shape the project to best add to our public spaces and everyday lives?
- What is the plan for the next few months of the project?
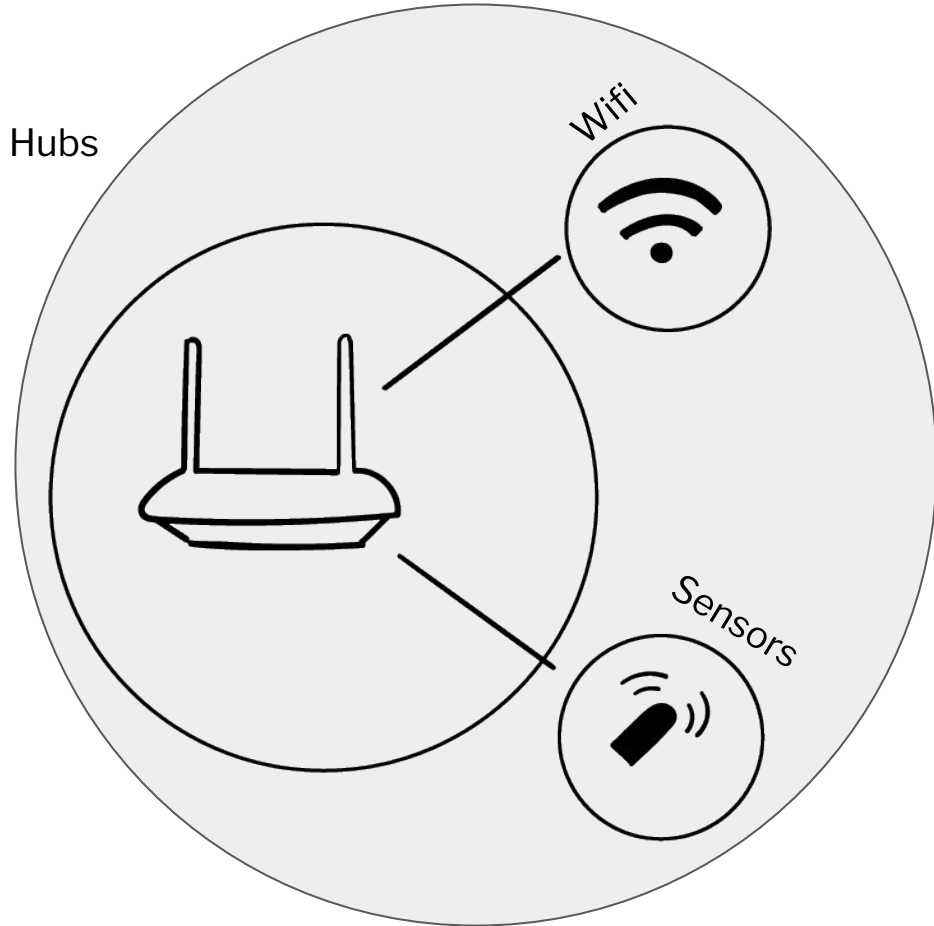
Project Concept

Governance

Sustainability

Hubs

Wifi

Sensors

Internet Use and Governance

- Bandwidth is shared.
  - Therefore, the quality of the internet will depend on how you govern its use to make sure the shared resource is available for everyone.
    - For example, starting a cyber cafe would be difficult due to shared bandwidth.
  - Educational / Non-Profit uses may provide a lower connection cost as there is a bandwidth discount.
- How might you like to limit the use of the internet? Are there certain uses you would like to prohibit?

Q&A

Whole Group Brainstorm: Possible Project Names

Everyday Twakimu (statistics): information we collect

Information can be translated into knowledge

What we mean by statistics/data ?

- Data is information, a collection of facts, such as numbers, words, measurements, observations that we record. We use different types of data every day. These are examples of different types of data we use daily.
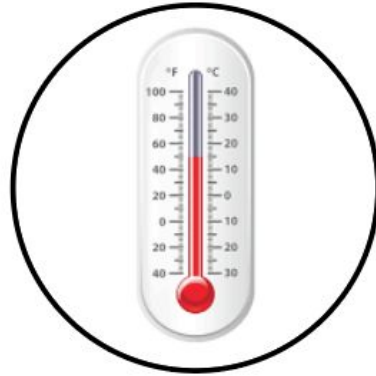
What is data not ?

- We are not talking about data bundles.

What kind of information do we collect every day?
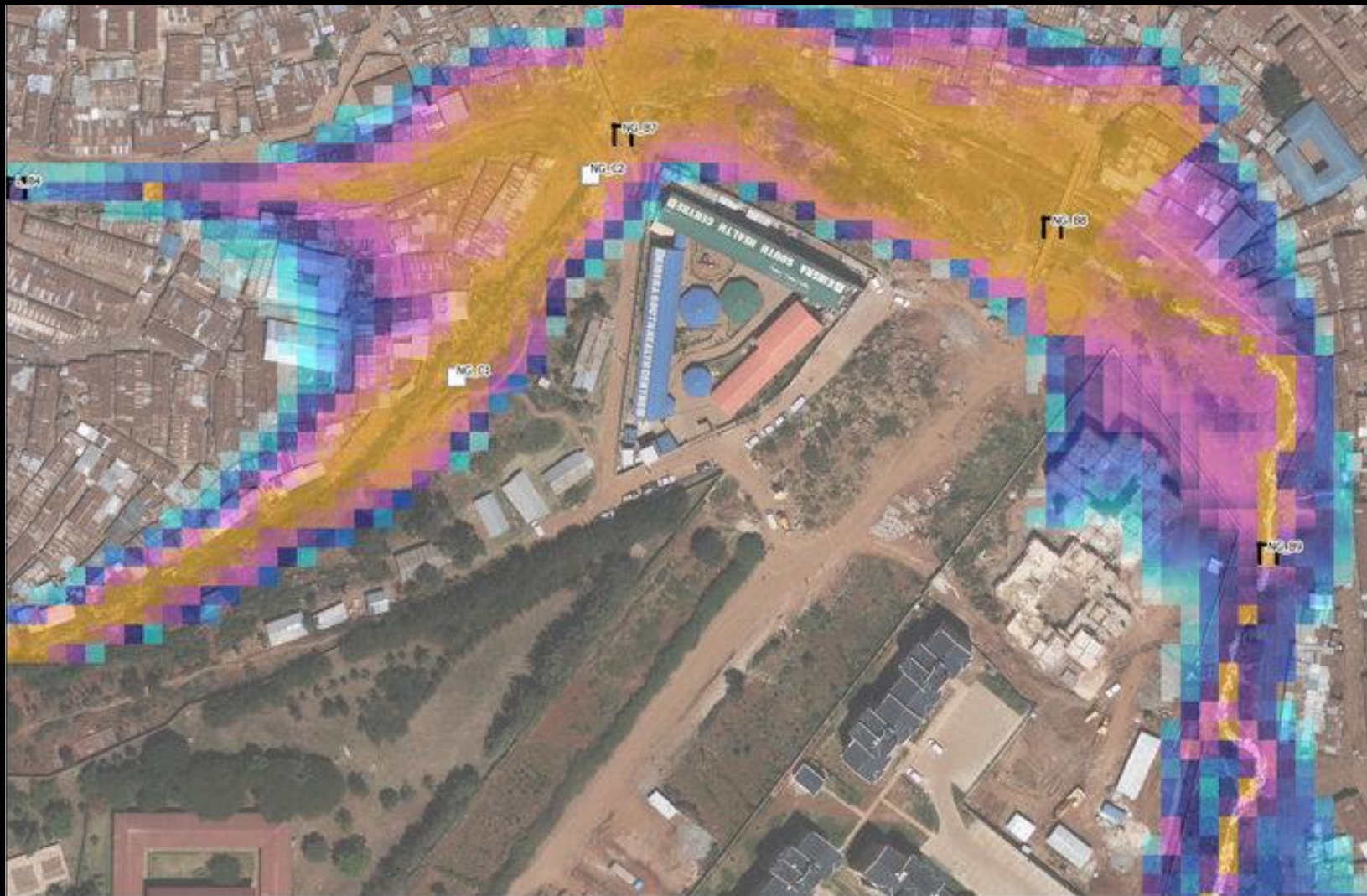
Spatial

Weather

Text

Financial

Kenya Air Quality Network

Rivers and People

KEY

Flood Depth (m) — Existing Structures

Flood Depth (m)	
<0.10	
0.10 - 0.20	
0.20 - 0.50	
0.50 - 0.75	
0.75 - 1.00	
1.00 - 1.50	
1.50 - 2.00	
>2.00	

Existing Structures: Bridges, Culverts

DRAFT

Status of Drawing

BUROHAPPOLD
ENGINEERING

Partner: Kounkuey Design Initiative

Project: Urban Flood Resilience, Kibera

Drg Title: Fluvial Flood Risk
Flood Depth Map
1 in 100 year event including 25%
allowance for Climate Change
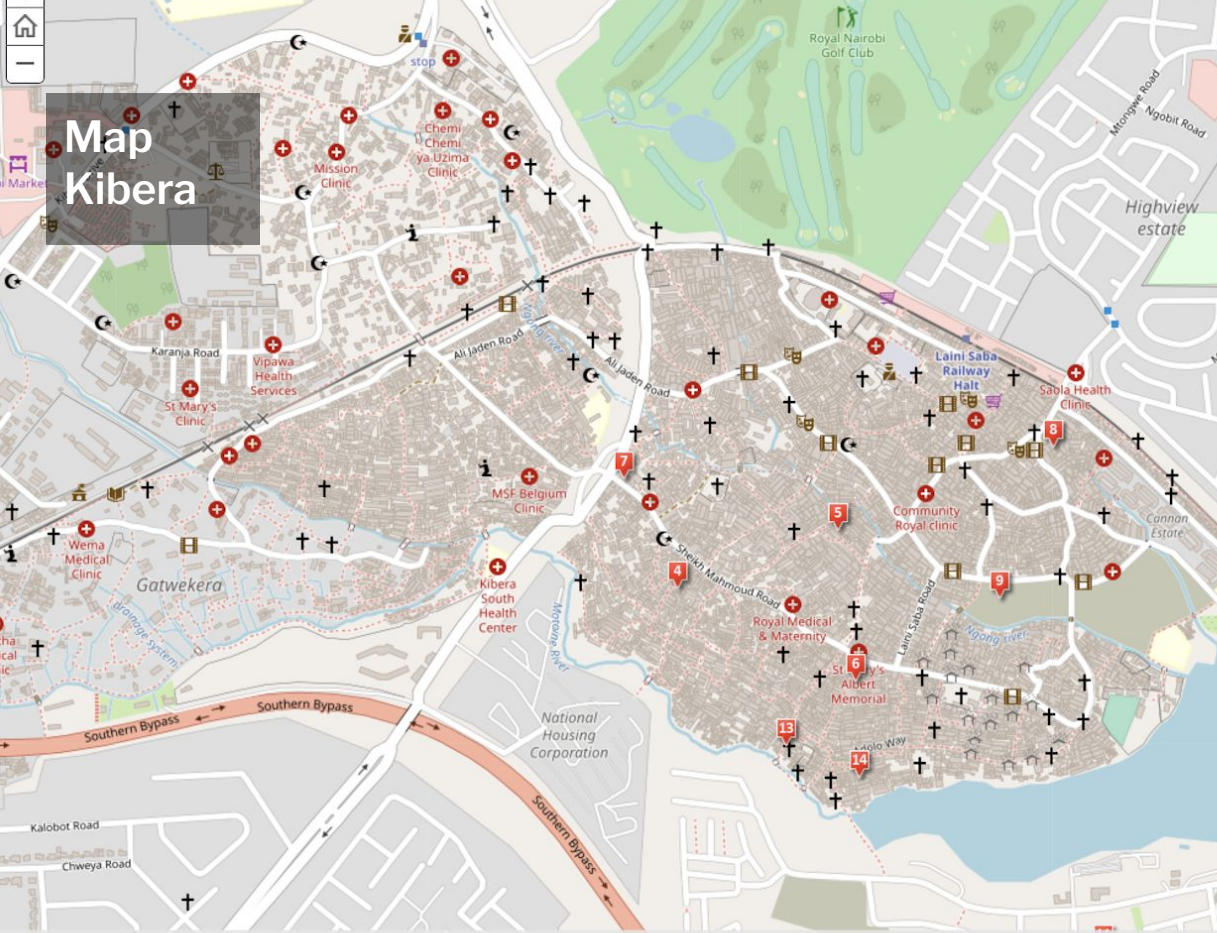
Scale at A1: 1:1,000

Drawn by:

Checked by:

Date: 30.11.2016

Job No: 003818

Drg No: KB_D100CC_105

Rev: 00

Map
Kibera

Buildings: Why Geodata?

Building data in [...]
While building da[...]
My exercise was [...]
data. I added 78[...]
motion videos o[...]
point-data to the [...]
South-East of the [...]

Royal Nairobi
Golf Club

Highview
estate

Chemi
Chemi
ya Uzima
Clinic

Mission
Clinic

Karanja Road

Vipawa
Health
Services

St Mary's
Clinic

Ali Jaden Road

Ali Jaden Road

Laini Saba
Railway
Halt

Saola Health
Clinic

Wema
Medical
Clinic

Gatwekera

MSF Belgium
Clinic

Sheikh Mahmoud Road

Community
Royal clinic

Cannan
Estate

Kibera
South
Health
Center

Royal Medical
& Maternity

Laini Saba Road

Ngong river

St Mary's
Albert
Memorial

Southern Bypass

Southern Bypass

National
Housing
Corporation

Molo Way

Kalobot Road

Southern Bypass

Chweya Road

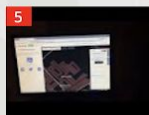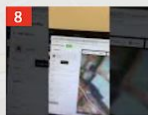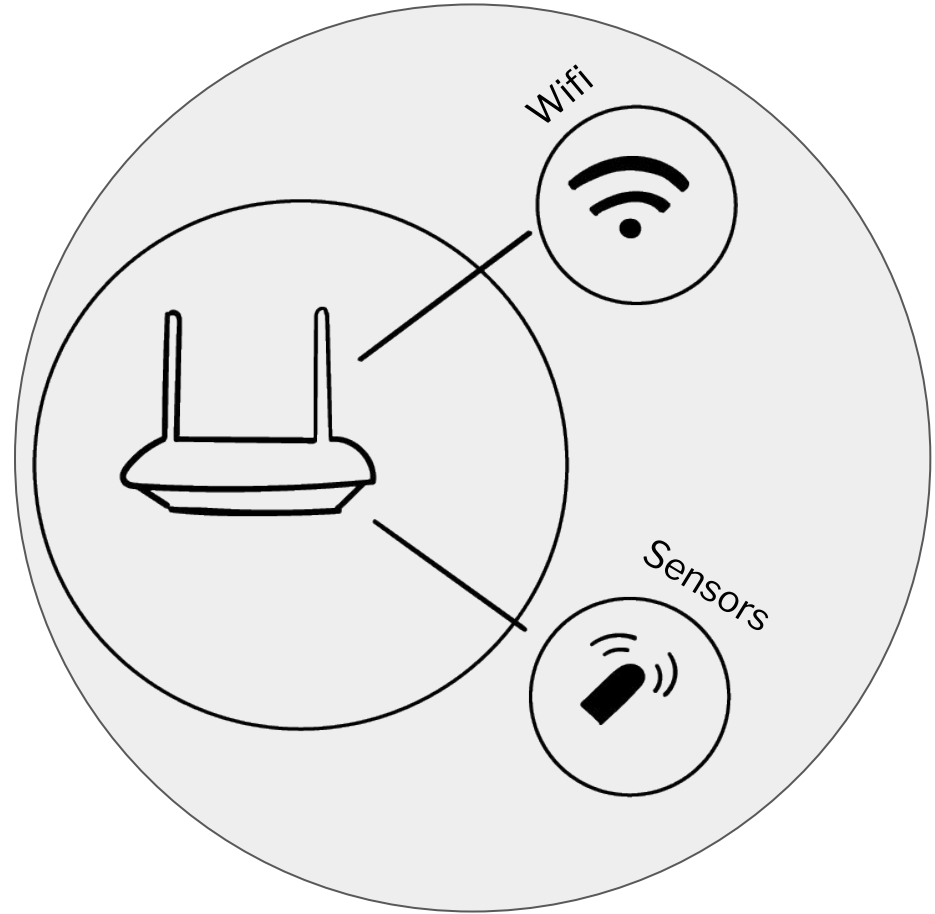| 1	2	3	4	5	6	7	8	9	10
Buildings: Why Geodata?	Kibera: Preliminary Sketch	Historical Requests for	Building Extraction 4	Building Extraction 6	Building Extraction 6	Building Extraction 6	Building Extraction 6	Building Extraction 6	The Kenyan Slum Upgrad

Q&A
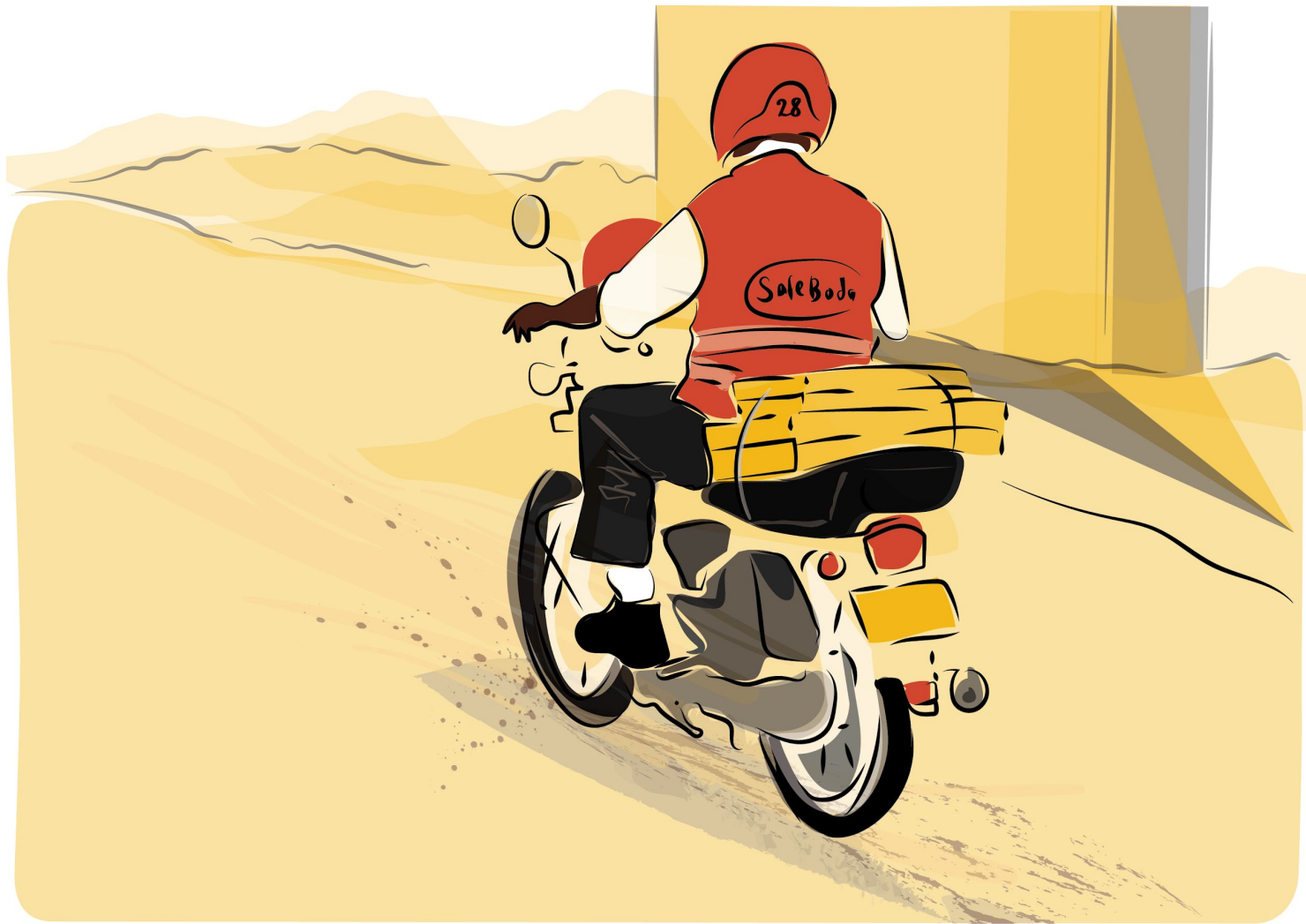
Whole Group Brainstorm:
How do you use data every day?

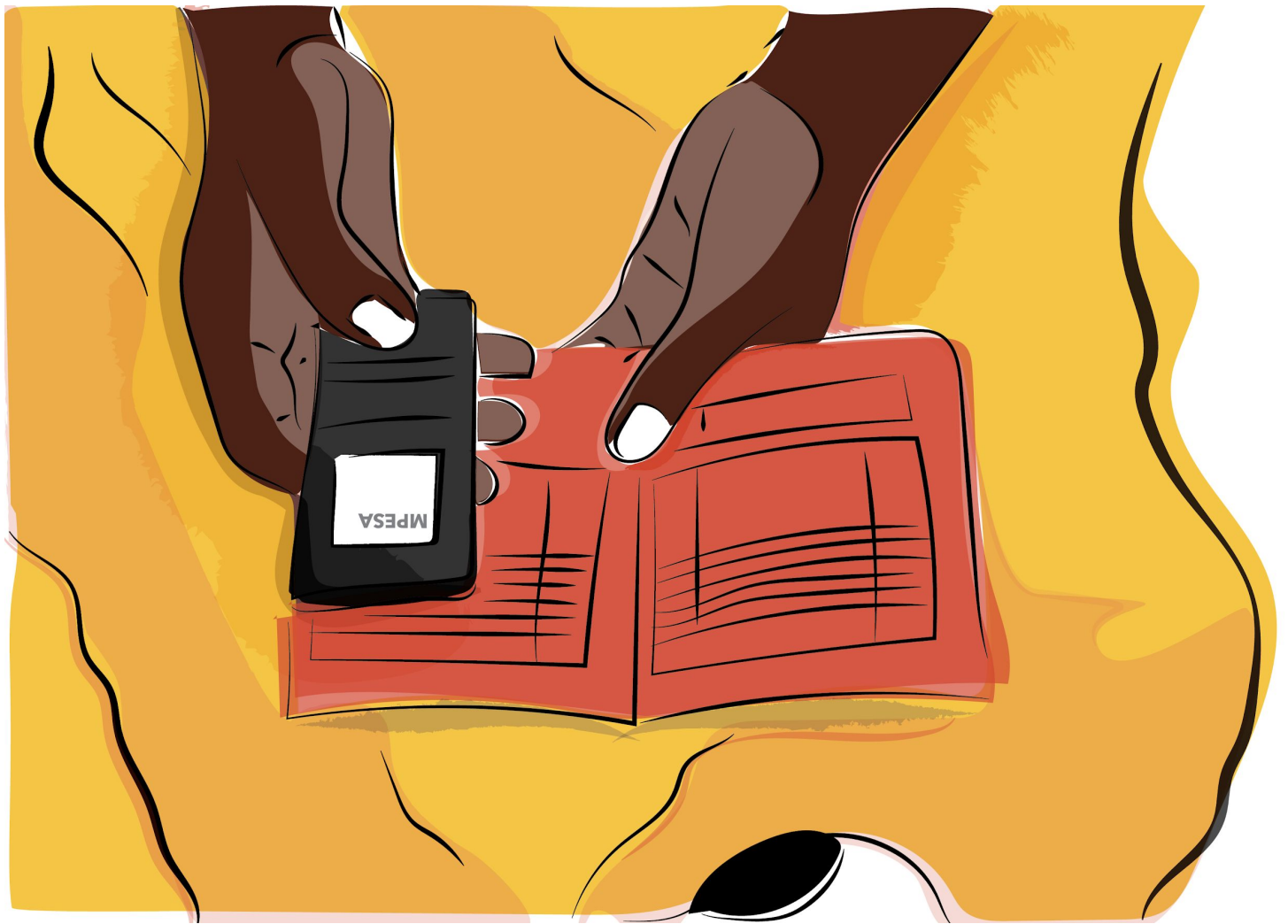# Why is data important to the project?
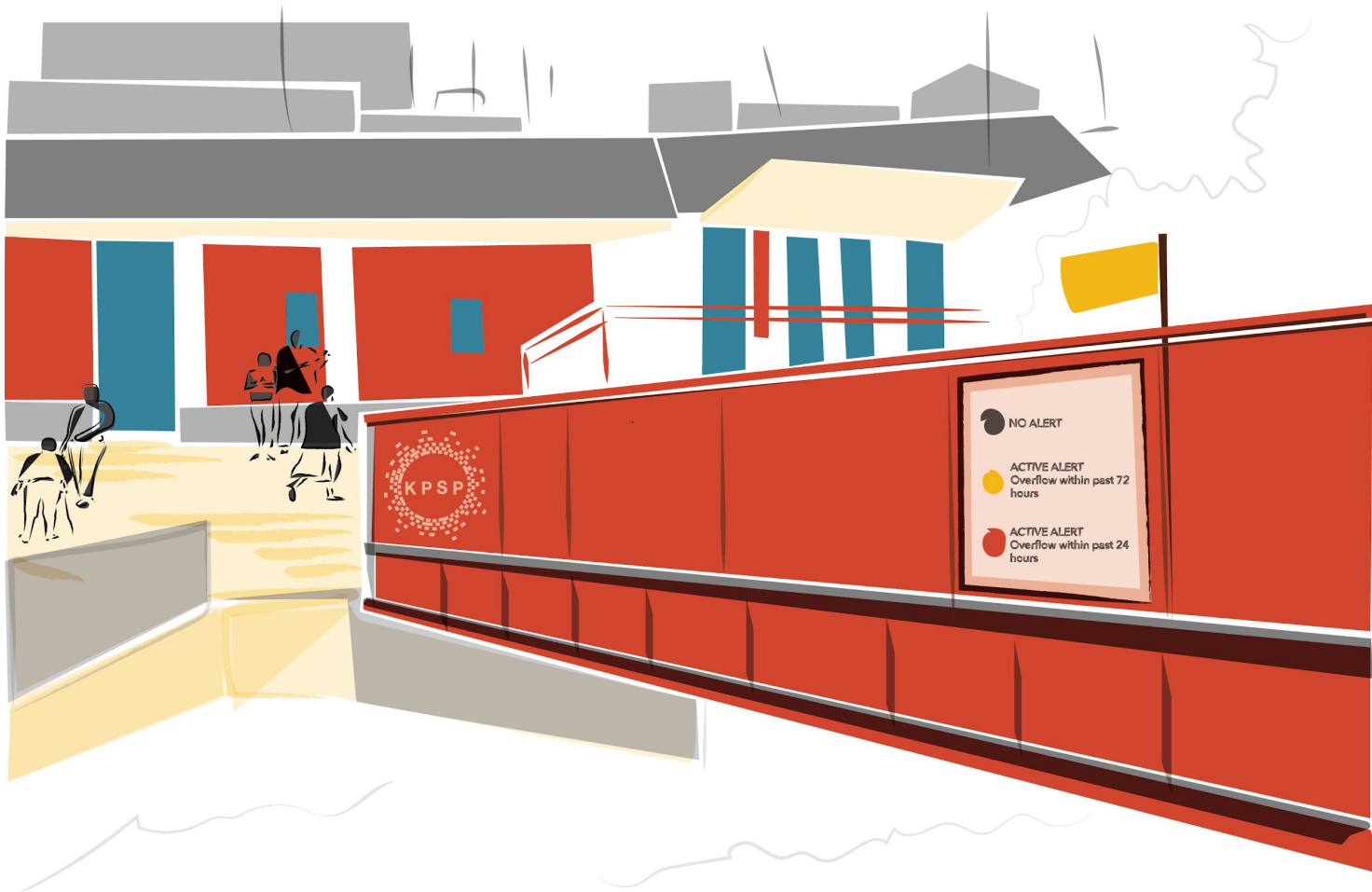
Data Use-
Sanitation
Facilities

Data Use -
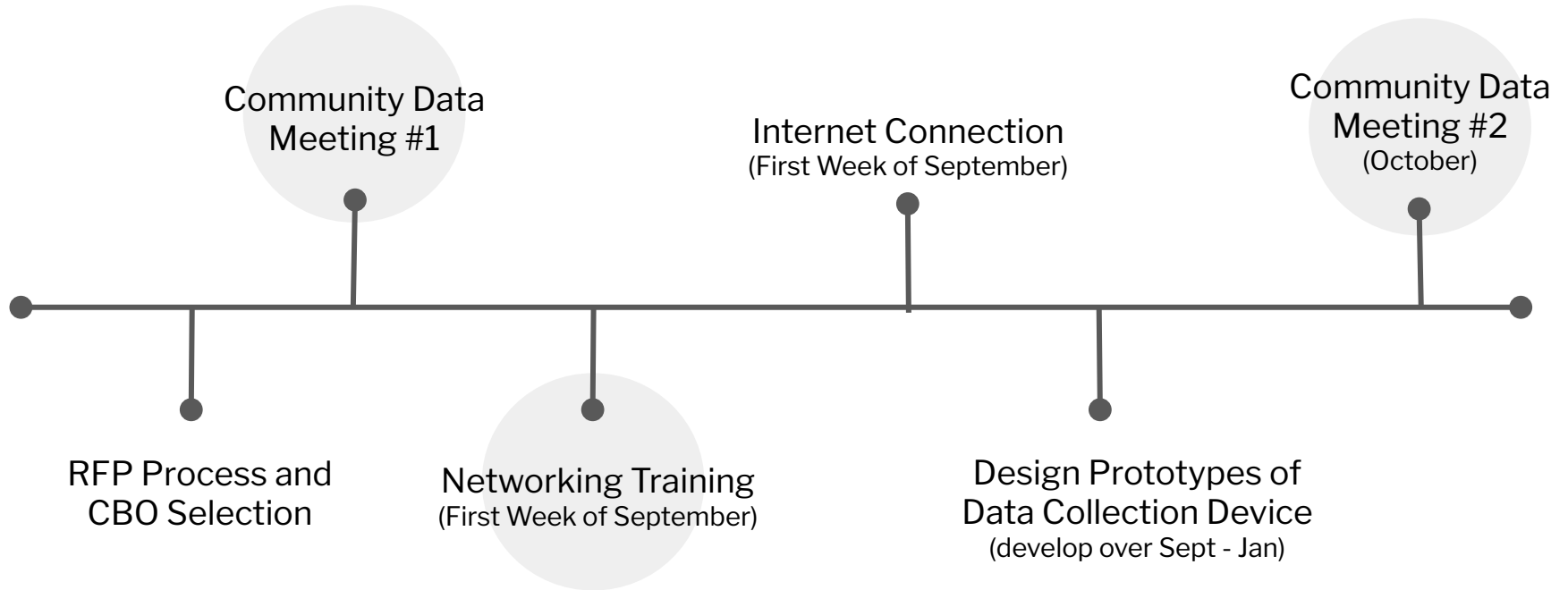Transportation Services

Data Use-
Logging
Savings

Data Use -
Weather

NO ALERT

ACTIVE ALERT
Overflow within past 72
hours

ACTIVE ALERT
Overflow within past 24
hours

KPSP

Data Use -
In Schools

Moving Forward

Project Timeline

Community Data
Meeting #1

Internet Connection
(First Week of September)

Community Data
Meeting #2
(October)

RFP Process and
CBO Selection

Networking Training
(First Week of September)

Design Prototypes of
Data Collection Device
(develop over Sept - Jan)

CBO Group Brainstorm:

Data:
- What information/data would you like to collect for the project?
- How will the information collected be used to support the community?
- Give us examples of problems or challenges that you face in your life or workplace.
- What kind of information might be needed to solve these problems?

Internet:
- What do you think the internet should be used for?
- When do you use the internet in a typical day?
- What are some of the apps and websites you use the most?

Q&A

Thank You