ADDRESSING KAMPALA CITY FOR EASY NAVIGATION
Background of Physical addressing in Kampala City

• Plot Numbering
• Major Landmarks
House Numbering is the system of giving a unique number to each building in a street or area, with the intention of making it easier to locate a particular building.

• House numbers provide an address to a property or building which enhances the delivery of services.

• House numbers aid the identification of the address of all buildings to ensure all individuals and service providers can easily locate properties by their unique street address.

• They also aid the speedy location of an address in the event of an emergency.
CAM (CITY ADDRESS MODEL) - INVOLVES

• Sensitizations
• House numbering
• Road naming
• Signage mapping
• Navigation system development
House Numbering Plan - Formal setting
Defining Start and End of a street as per Point of Origin
Odd numbers are assigned to the buildings on the left in a sequential way
Even numbers are assigned on the right hand side in a sequential way
Identification of the Main Entrance of the house

Identification of Allocated Entrance Point

.................. To Designate the Allocated Number
Identification of Allocated Entrance Point

One Number Allocated number for the main entrance

Two entrances of a house/ estate
Identification of Allocated Entrance Point

SEMI-DETACHED HOUSES
For a close- Horse shoe method

Label Clockwise
Identification of Allocated Entrance Point

Only one allocated number for a Compound or private campus
There are two entrances

It has two entrance on two different roads

Allocated House Numbers

For Allocated House number it is considered only main entrance
House Numbering in the Informal Setting
House Numbering in the Informal Setting

1. Lack of road networks
2. Unnamed roads
3. Unmapped roads
4. Unplanned structures /properties
5. Unsurveyed plot boundaries
6. Constrained access
7. Land tenure (freehold)
8. Impeded service delivery process
Data for House Numbers in the Informal Setting

1. 100 m Grid Network
2. Plot Nos.
3. Road layer
4. Satellite Image
5. Administrative Units – Village level
House Numbering in informal settings (Grid system)
Sample Street Signage
Sample Street Signage

Kampala Road
1 - 73

Stanley Sekindi Rd
1 - 12

Siad Barre Av
4 - 2

Parliament Av
12 - 1

House number plate

Road signage

Multi Directional Road signage
KAMPALA CITY ADDRESS LOCATOR

An application designed to ease location of properties based on the City Address Model (CAM) project Under KUDP-2

THE CITY ADDRESS MODEL (CAM)

An Initiative to:
- Transform Kampala into a Vibrant, Attractive and Sustainable City
- Ensure Delivery of Quality Services to the Citizens
- Provide Safe and Coordinated City Planning and Infrastructure Development
- Identify and Protect City residents
- Facilitate Quick Response in Emergency situations
- Welcome Tourists & Visitors to the City
- Boost Trade and Investment in the City
- Facilitate Online Shopping, Banking and Courier Services
- Discover Demand and Supply Centers
- Enhance Financial Management Systems of KCCA

Through:
- Assigning Orderly and Standard House Numbers to Residential and Commercial Establishments.
- Using Distinctive Road Names.
- Installing Adequate and Visible Road Signage.
- Developing a City Address Directory.
- Establishing a Self-Addressed and Functional Geographical Address System.

http://kampala.maps.arcgis.com/apps/webappviewer/index.html?id=07320cbe10014252ae2cf6494af8b275
Kampala Capital City Authority (KCCA) is the legal entity, established by the Ugandan Parliament, that is responsible for the operations of the capital city of Kampala in Uganda. It replaced the Kampala City Council (KCC).
THE CHALLENGES

- Unwillingness of property owners to install house number plates on their properties
- Vandalism of installed street signage
- Un-named Roads
- Limited public awareness
- Lack of commitment by the political leadership

THE OUTPUTS/BENEFITS

- KCCA Corporate GIS, City Address Model and Property Management Information System
- Addresses for all Properties in the City
- Named Streets, Roads and Access ways
- Installed Directional Signage
- Citywide Navigation System
- Road Names Reference library/archive

LESSONS LEARNT

- Stakeholder engagement is key and should be continuous throughout the project life.
- Involvement of political leaders at the beginning enhances community buy-in.
WHAT'S NEXT...

- Corporate GIS for KCCA
- Geo based system for revenue enhancement and Development Control
- Use of Drones for updated aerial imagery
- Digital Road Names reference library.
- Public Navigation App, through google, Open street maps and customised app with local language
WHATS NEXT...
WHATS NEXT...