

# Accra Urban Growth & Transit Profile



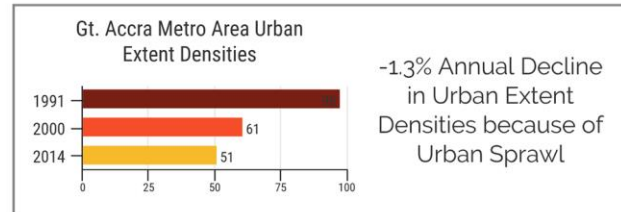
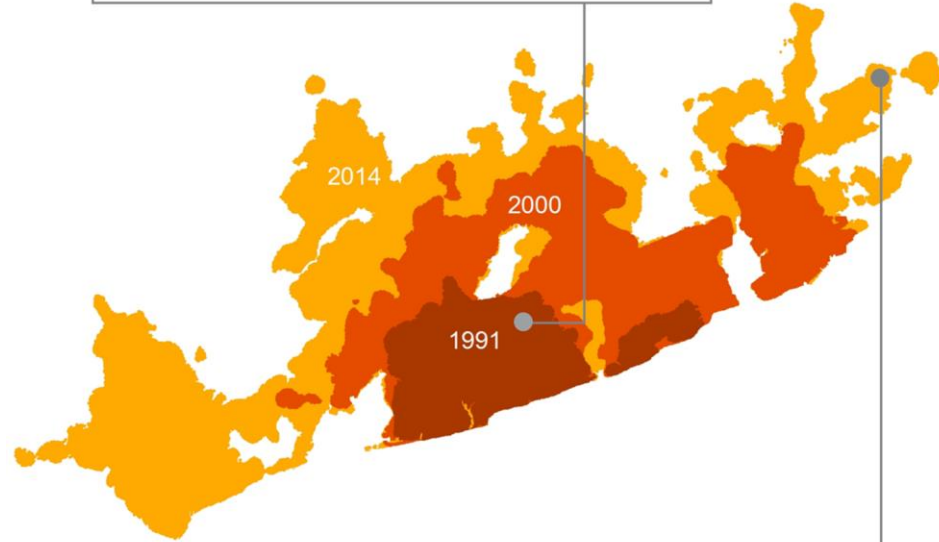
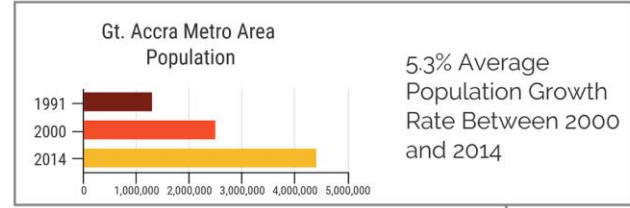
70%

About 70% of all Trips into Accra is by Some Form of Public Transport



30%

However Public Transport Occupies Only 30% of City Network Space



# Trotros in Accra-Background

## Data Stock Before Mapping Exercise

1

### List of Routes

580 Routes Were Registered by Trotro (Paratransit) Operators

2

### Origin & Destination

List of Origin-Destination Terminus was Only in Text Format

3

### Regulated Fares

Only Published Fares Were Available to the Department of Transport

## Data Capability Attained After Mapping Exercise

4

### Routes in Service

Only 315 of the Registered Routes Were in Service

5

### Actual Route Itinerary

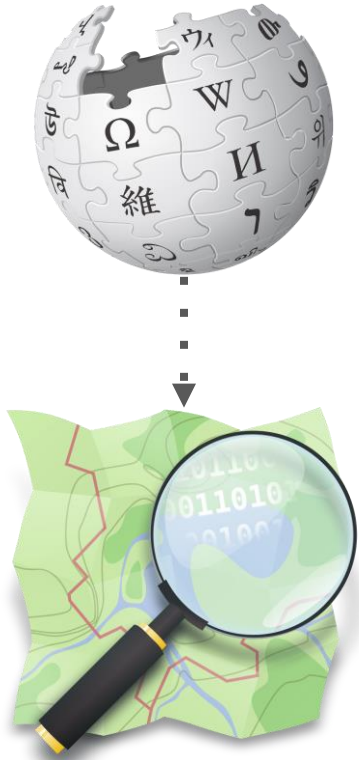
Collection of and Updated Route Itinerary now Published on OSM & Other Map Platforms

6

### Actual Fare Data

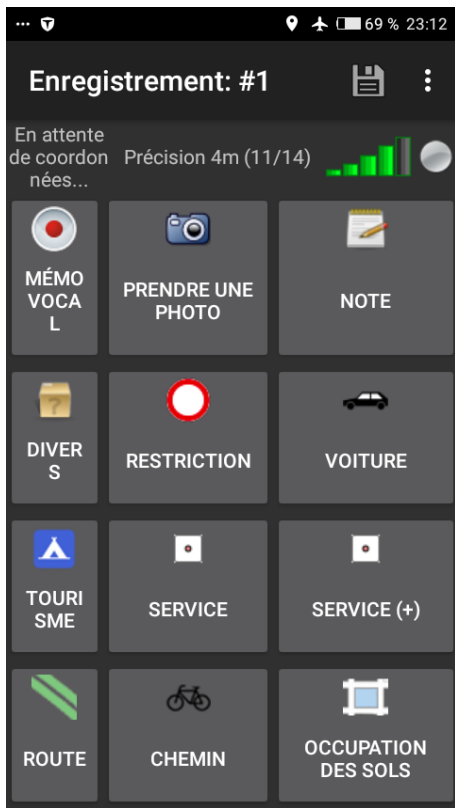
Mobile Application Tools Flexible to Allow for Actual Fare Data Collection

# OpenStreetMap.org

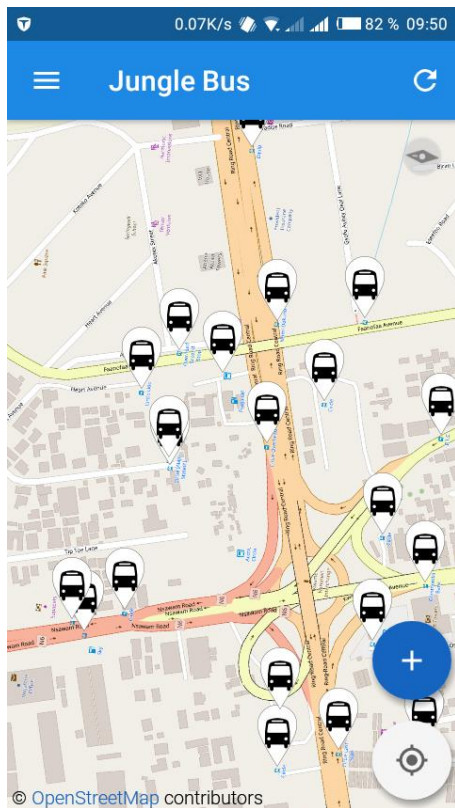


Open Data Commons Open Database Licence (ODbL)

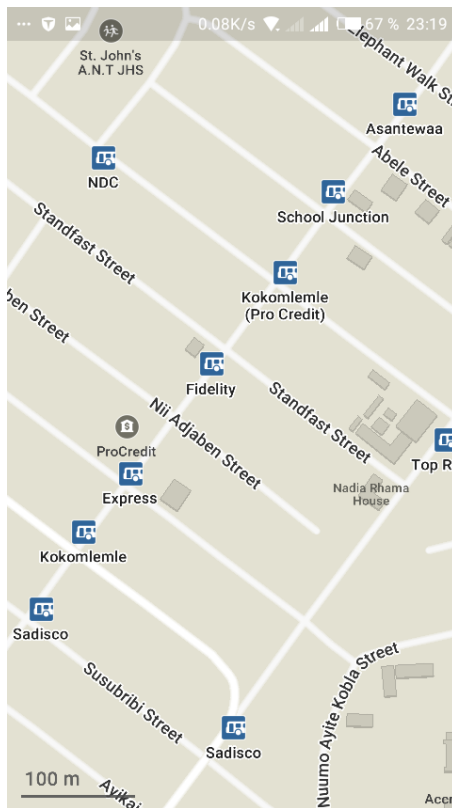
# Data Collection, Reuse, Community & Update



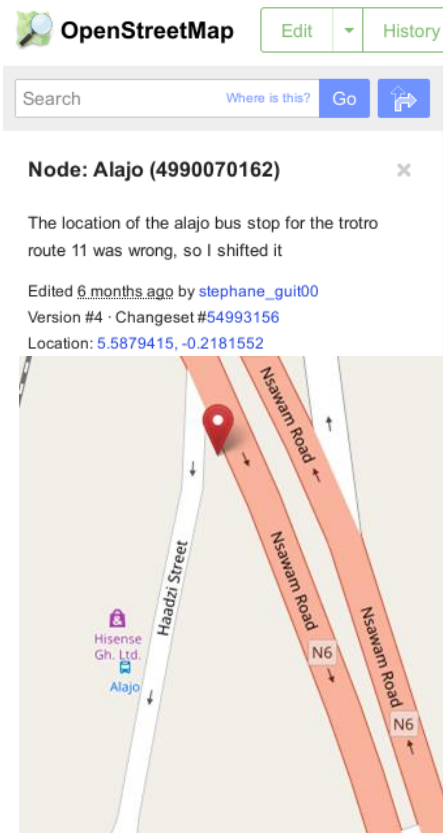
OSMTTracker



Jungle Bus



MAPS.ME



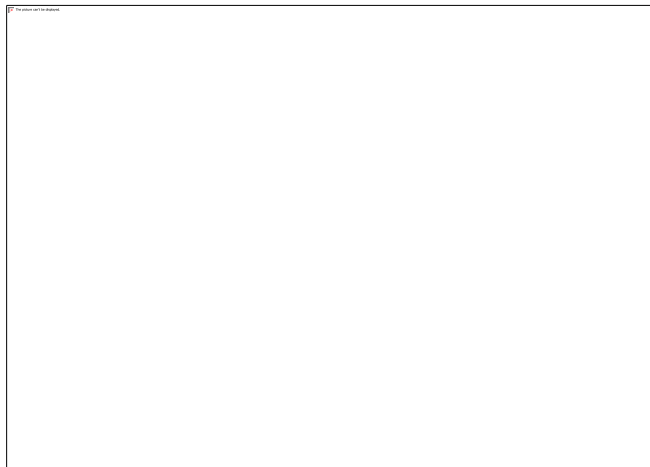
osm.org





GHANA

Accra





# Benefits of Mapping



## OSM Hosted Transit Data

Data Collection Scope Has Been Broadened and Burden on the Department Reduced by Involving the OSM Community



## Digital Capabilities

GIS Characterized Data Makes it Possible for the Department to Associate Spatial Attributes with Its Planning Activities for Modelling an Scenario Developments



## Mobile Apps

Accra Trotro Data is Currently Hosted on Multiple Mobile Application Platforms; E.g. TransitApp, Jungle Bus Etc..



## User Engagements

Multiple Users from Research, Business and Policy Areas Have Found the Data Useful in Understanding Transit Indicators such as Commercial Speeds for Public Transport, Transit Headway, Travel Time, Distance and Variability Analysis