Accra Urban Growth & Transit Profile

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

However Public Transport Occupies Only 30% of City Network Space

- 70%
- 30%

53% Average Population Growth Rate Between 2000 and 2014

-1.3% Annual Decline in Urban Extent Densities because of Urban Sprawl
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

OSMTracker  Jungle Bus  MAPS.ME  osm.org
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