

DEPARTMENT OF TRANSPORT



DATA COLLECTION FOR PLANNING AND MANAGEMENT

INTRODUCTION

- Transport planning and management is a major duty of the Assembly (Act 462 etc)
- Transport services are carried out by Unions and Associations
- There are about 113 terminals/loading points within the city with Kejetia being the biggest which is currently undergoing reconstruction

PROBLEM STATEMENT

- ✓ Inadequate terminals spaces (hence the use of streets and lay byes for transport activities)
- ✓ Operators starting transport services without recourse to the Assembly
- ✓ Inadequate information on terminals/loading points:
 - Location and Size
 - Unions / Routes and Vehicles used

- Reduction in the number of permit issuance yearly
- Inadequate enforcement services

PROPOSED SOLUTION

- Transport Information Mapping
(**TRANSINFOMAP**) is a collection of software tools for;
 - Data capturing (Information on terminals, unions and routes and all commercial vehicles)
 - Mapping
 - Revenue Management
 - Reporting and Analysis

PHASE 1

ACTIVITIES

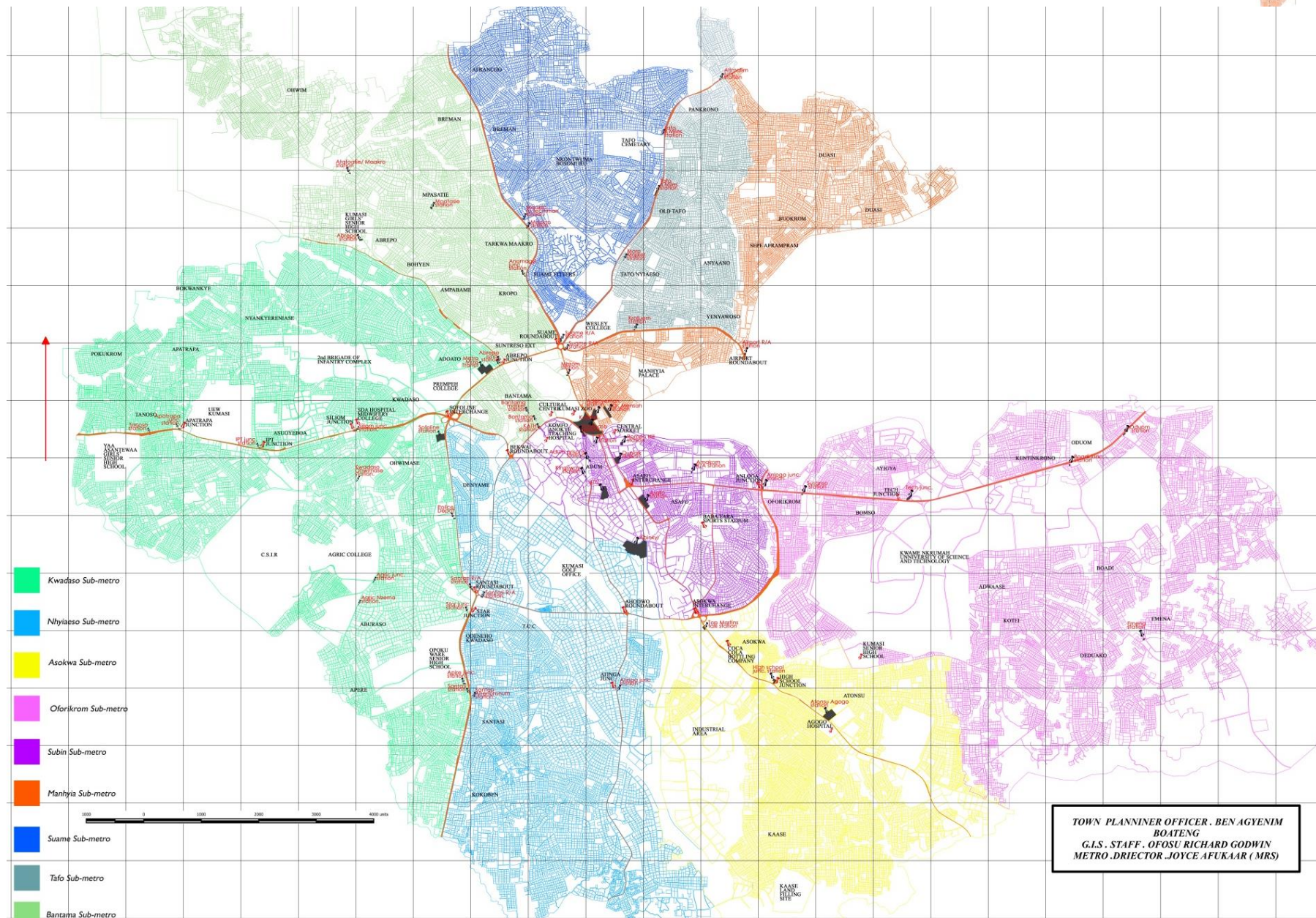
- Sensitization was fairly carried out in all the sub-metros
- Vehicle and Driver questionnaire was given out to be filled and submitted to the Department
- Terminal and loading point information (size, GPS coordinates, etc) was collected from the sub-metros
- Some data was captured
- [TECH PRINT.docx](#)

PHASE 2:

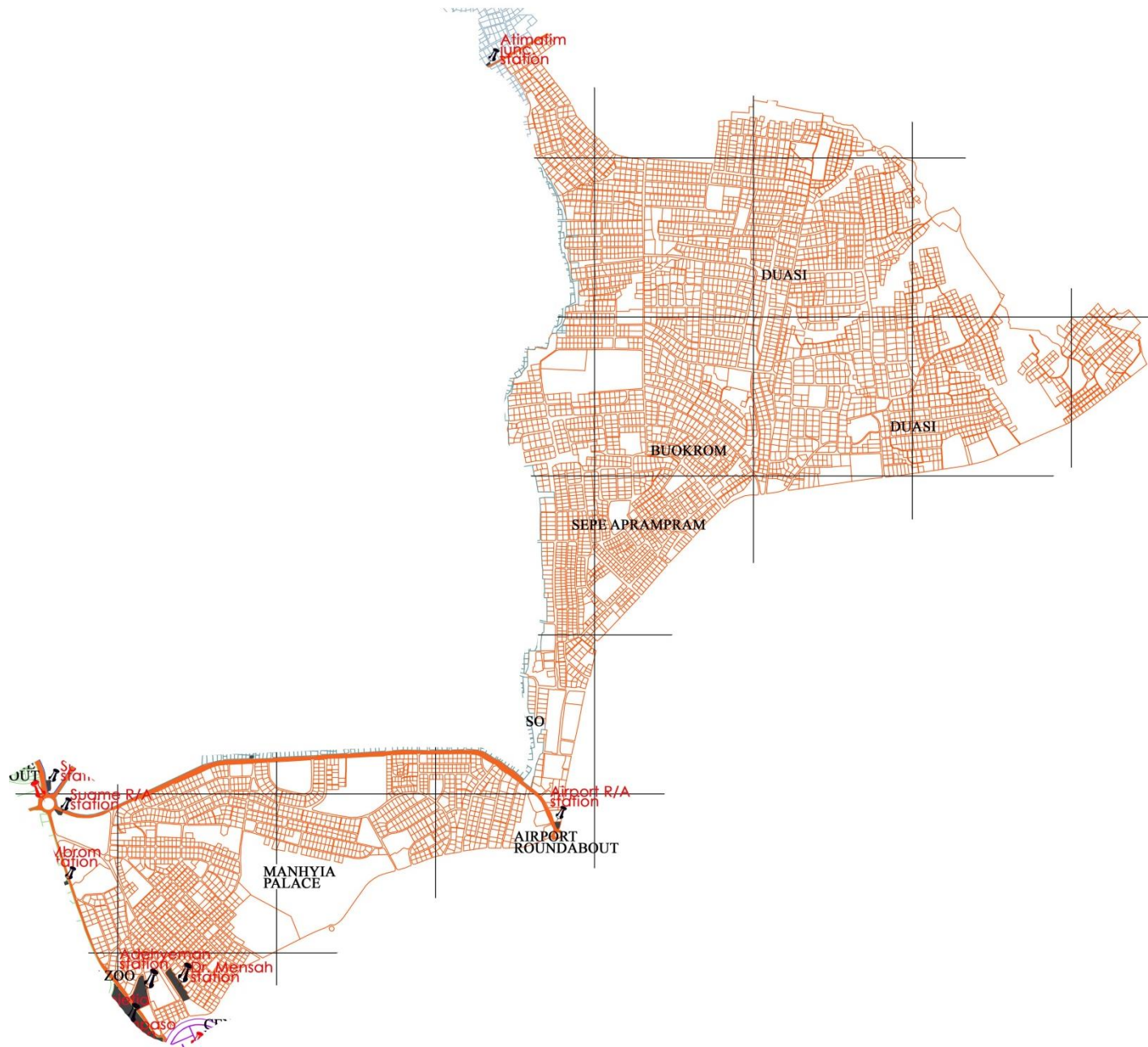
- Develop data collection strategies due to some of the challenges encountered in phase 1
- Develop Software applications to assist in;
 - Digital data capturing
 - Mapping capabilities
 - Reporting and Analysis
- Engage data collection teams to assist in data capturing including but not limited to;
 - Terminal information, Vehicle information, Driver information

PHASE 3

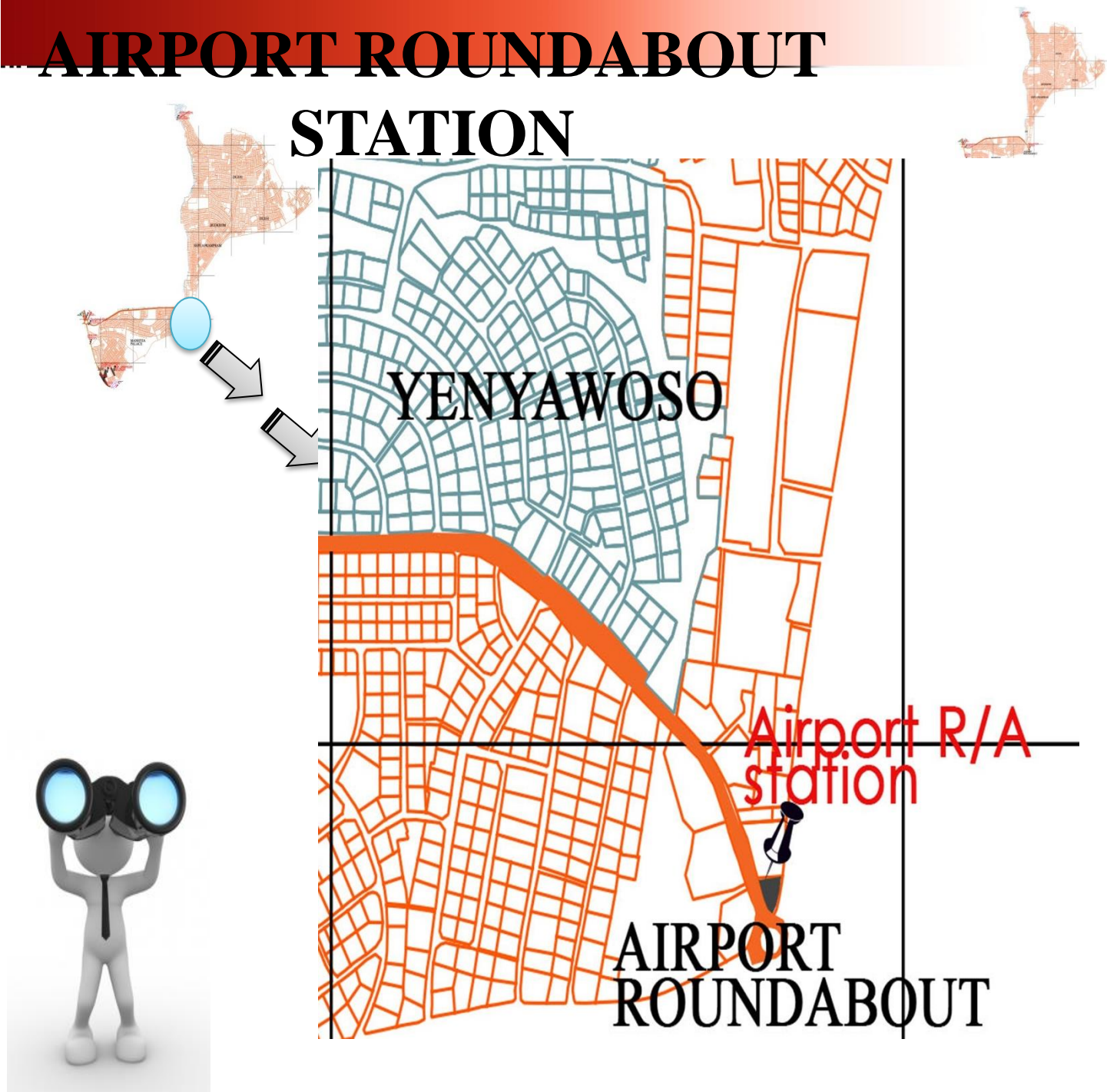
DIGITAL MAP

[illegible]

MANHYIA SUB-METRO MAP



AIRPORT ROUNDABOUT STATION



AIRPORT ROUNDABOUT



AIRPORT ROUNDABOUT



Terminal description
Terminal operations

Routes
Airport Roundabout - Buokrom
Airport Roundabout - Duasi
Airport Roundabout - Tech
Airport Roundabout - Ejisu

Permit Codes
KMA/PRO-LD/604
KMA/CON-TAXI/603
KMA/GPR-A/602

Number of Vehicles
Driver Information

Driver Information
Name: Randolph Wilson
Occupation: Driver
Date of birth: 1st August, 1959
Nationality: Ghanaian
Vehicle Reg No.: AS 5903-14
Vehicle Type: Urvan
Contact No.: 0208391638
Name of owner: Mrs. Owusu
Address: P.O.Box, 1916, Adum-Kumasi
Contact: 0249405796
Insurance Co.: N.E.M
Driver's Licence pin: WILS-210869-01-01
Class of Licence: B

DRIVER'S INFORMATION



Name: **Randolf Wilson**
Occupation: **Driver**
Date of birth: **1st August, 1959**
Nationality: **Ghanaian**
Vehicle Reg No.: **AS 5903-14**
Vehicle Type: **Urvan**
Contact No.: **0208391638**
Name of owner: **Mrs. Owusu**
Address: **P.O.Box, 1916, Adum-Kumasi**
Contact: **0249405796**
Insurance Co.: **N.E.M**
Driver's Licence pin: **WILS-210869-01-01**
Class of Licence: **B**



BENEFITS OF THE PROPOSED SOLUTION

- **Traffic Control**
 - Vehicle terminal allocation,
 - Easy route planning
- **Vehicle Information Management**
 - Ability to identify specific vehicles and their routes using our new “route stickers”
 - Reduce the number of floating vehicles within the Kumasi Metropolis
 - [AHODWO.docx](#)

BENEFITS

- **Total Revenue Control (revenue mobilisation collection and management)**
 - Ability to track active commercial vehicles for billing and revenue collection (Daily and yearly Tools)
 - Track payment of route stickers
 - An organized database for the Transport Department in the Kumasi Metropolis
 - [Monthly Rev Kwame 2018.xlsx](#)
 - [G.P.R.T.U.xlsx](#)

For the Intended Bus Service

- Establish appropriate stakeholder engagement and involvement for integration of operators
- Create a database of trotro operations
- Reveal demand for the services and number of buses to serve the demand
- Highlight the appropriate fare charges along the various corridors

- Develop a business case for the bus operations
- Define infrastructure requirement needed to start operations
- Identify required capital and sources of funding
- Establish the need for institutions

CONCLUSION

- A well labelled map of Kumasi, which has all the transport terminals located on and linked to data for on each terminal or loading point which will assist in planning
- The Trotro route map will help create a feeder link for the Mass Transit corridors
- This information will help all stakeholders (KMA/Sub-metro, Transport Unions, Drivers, General public) to have peculiar information which can be used to take decisions.

THANK YOU

