

Metro Mass Transit System In Ghana



Introduction:

- Road transport is the principal mode of transport in Ghana.
- 15 percent of road users own their own cars.
- 85 percent make use of public transport or travel by foot.
- There are four main ways of public transportation in Ghana, namely, the taxis, tro-tro , Commuter buses, and railway transport.

Tro-Tro: Dangerous Transportation

- Tro-tro is any vehicle in Ghana that is bigger than a taxi and is used to transport people commercially.
- Maintenance is not a primary concern for its operations.
- There are no regulations or safety standards in place to ensure that the vehicle is safe to carry passengers
- Tro-tro accidents are the second largest percent of vehicle accidents in Ghana.

Examples

- Exhaust pipes are often exposed to the inside cabs of the vehicles causing burns to daily riders.
- Exhaust systems are not adequate and allow fumes to come directly into the passenger compartment of the vehicles.
- Seat belts are not available and the presence of working doors is a luxury.
- Brakes are rarely checked and the stopping powers of the vehicles are dismal

Slides



Slides























Metro Mass Transit system:

- The Metro Mass Transit system was conceived by the current president of Ghana
- It aims to meet the public interest.
- Operates an effective and affordable transport system in an economical sustainable way.
- Provides an efficient urban mass transportation system.
- It is reliable, efficient, safe and affordable yet economically sustainable.

Funding

- The government of Ghana has 45% shares.
- The remaining 55% is owned by private companies.
 - Agricultural Development Bank
 - National Investment Bank
 - Prudential Bank
 - Goil (Ghana Oil)
 - SNITT(Social national insurance trust)





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The Rapid bus system.

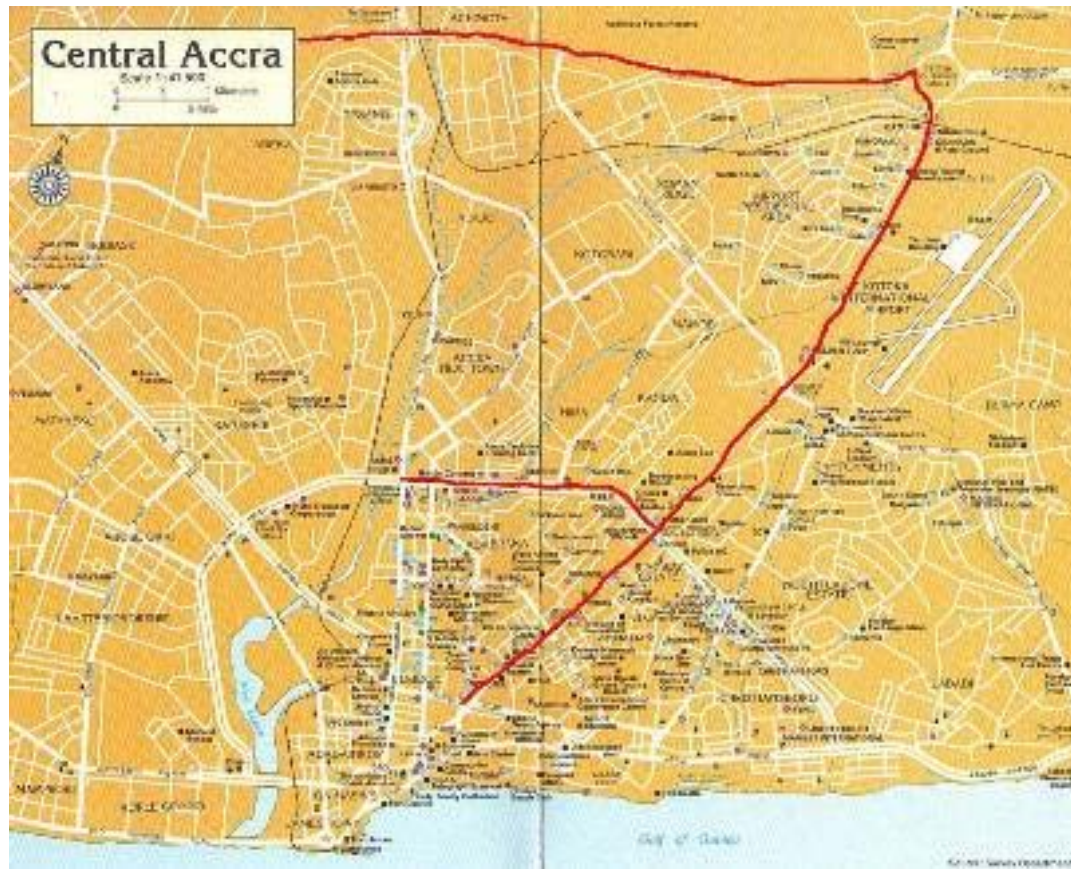
- Rapid Transit System solves these problems on these congested roads.
- System provides a fast connection between most congested points and a central hub every 15 minutes.
- Separate bus lanes if added to existing infrastructure will reduce travel time to 5 minutes.

The Urban Service

- The urban service connects central bus terminals with city outskirts and villages.
- Most transport providers in Ghana wait at various terminals till the seats are filled.
- Wait time is approximately 5 minutes at every terminal with this system.
- Increases the frequency of all urban and rural services and optimizes customer satisfaction.

School Children

- Provides free rides to school children.
- School children are allowed to board the buses for free only on school days.
- Special services (pick and drop) from and to school in certain neighborhoods.
- However this service is not free.



Metro Mass Transit

- School children on the bus



Environmental Impacts

- Provides safety to the public
- Reduces Accidents
- Reduces congestions
 - Buses take off every 15 minutes
 - Provides fast connection to destinations.

Questions and Comments