Making Space for Mobility in Booming Cities

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Introduction

In most urban areas, rapid growth in transport demand has overwhelmed transport capacity.

Transport has emerged as one of the major challenges governments in urban areas and struggle to achieve sustainable development.

Policy makers all over the world are beginning to appreciate the need to address the motorization and mobility crisis especially in megacities.

Today urban areas are home to almost one in two of the world’s urban population.

Transport will therefore be key to economic viability, sustainability and livability of cities.
The LAGOS Problem

Chronic traffic congestion
Uneven urban growth and development
Inadequate transport infrastructure
Inadequate regulatory public transport framework
Limited alternatives to vehicular transportation
Lack of sufficient high capacity vehicles for public transport

Contributes to air & noise pollution in Lagos

The poor are the worst affected!!!
Demand for trips in Lagos Metropolitan Area by all modes (including walking) is 24 million per day

- Walk trip account for 40%

Demand will grow to over 40 million (~29m mechanized trips) trips per day by 2032
PROPOSED TRANSPORT STRATEGY TO TACKLE THE ISSUES RAISED

• Lagos state has defined a transport sector strategy to improve the provision of transport services in Lagos Metropolitan Area – in particular for public transport users and the poor.

• The strategy rest on six pillars:
  • Creation of organisational and institutional capacity for the planning and management of the States Transport system, LAMATA
  • Raising the level of cost recovery in the transport sector
  • Promotion of affordable public transport services
  • Reduction of external impacts of transport through the provision of safeguards
  • Creation of a conducive environment for the private sector provision of transport services
  • Making the best use of the existing transport capacity
The Strategic Transport Master Plan.

• It aims to develop a fully integrated mass rapid transit system to cover activity centres identified in the mega city region

  • 6 Rail Lines
  • 1 Monorail Line
  • 14 BRT Routes
  • 3 Cable Car Projects
  • Over 20 Water Routes

• Implementation of ITS
  • To manage traffic
  • Make public transport more efficient
  • Aid transport integration

• Promoting Non-Motorized Transport
  • Pedestrian and Cycle Lanes
  • Improve Pedestrian Walkways in certain parts of the city
The Strategic Transport Master Plan for Lagos
14 BRT Lines
Lagos Bus Reform Objectives

- Provide comfortable and reliable bus service for commuters
- Formalization of operations
- Improve PT connections in Lagos
- Social (Enhance city life)
- Environmental (Pollution reduction)
- Improve safety and security of the commuting public
- Consolidation of duplicated garages into one
Lagos Bus Reform Agenda

Systematic restructuring of the existing PT bus operations in Lagos through the introduction of a modern, safe, convenient, fuel efficient, environmentally friendly and air conditioned buses to replace the existing old, dilapidated and rickety midi buses from major roads in Lagos.
SIX RAIL ROUTES AND ONE MONORAIL
Marina Interchange
What makes a complete street?

A street that provides safe, prioritised spaces for walking, cycling, and public transport.
Conclusion

First, it must be clear that efficient and effective mobility is critical for sustainable development of an urban booming city.

Secondly, it should be evident that integrating the transportation system is perhaps the single, most important ways of achieving such efficiency and effectiveness in mobility within existing and emerging booming cities.

Thank you