

**MINISTRY OF ROADS AND TRANSPORT**

**GUIDELINES FOR DEPLOYMENT OF  
INFORMATION AND COMMUNICATION  
TECHNOLOGY (ICT) WITHIN THE ROADS AND  
TRANSPORT SECTOR**

**PREAMBLE**

The Ministry of Roads and Transport (MRT) sees its main challenge as developing the requisite policies and programmes to ensure sustained improvement and expansion of Ghana's transportation infrastructure and services that will provide the catalyst for accelerated socio-economic development. Thus, the imperative for a reliable information base for effective policy formulation, derivation of good strategic options, good reporting system and decision-making has never been greater.

In pursuit of this agenda, the Ministry will operate to ensure the effective and efficient application of ICT to produce quality services that focus on the Ministry as well as sector-wide service improvement and also add value to the work output of the staff of MRT. That in broad terms describes the demands that drive the strategy decisions and choices that the Ministry will adapt.

**VISION STATEMENT**

The MRT's vision is to make the country the transportation hub of West Africa. This vision seeks to make Ghana the most easily accessible nation within the sub-region so that Ghana can be a good point of access to other parts of the sub-region's investment and trading markets.

## **MISSION STATEMENT**

The Mission of the Ministry of Roads and Transport is to ensure the provision of an integrated and sustainable transport infrastructure and services that meet national and international standards.

## **STRATEGIES FOR THE ATTAINMENT OF STATED MISSION**

The broad strategies of the Ministry are to:

- a) Develop and rehabilitate major highways in the country.
- b) Improve spatial access to urban markets by rehabilitating or developing one major road linking rural and urban markets in every region.
- c) Increase spatial access to markets through improvement in farm roads to markets through re-gravelling, spot improvements and upgrading of feeder roads
- d) Improve cost recovery measures to adequately cover cost for the provision of road infrastructure and services.
- e) Promote the development of non-motorized transport and improve facilities for their use.
- f) Give highest priority to effective maintenance of the road system through Government's decentralization program
- g) Promote private sector involvement in the road and aviation sectors in the form of finance, construction and maintenance through such schemes as Build-Operate-Transfer, concession etc.
- h) Promote road safety and traffic management schemes to reduce road traffic accidents
- i) Streamline transport regulation and enforcement
- j) Reduce the impact of HIV/AIDS and other related diseases associated with road development and transport operational activities
- k) Strengthen local capacity in both consulting and construction services and Government Institutional capacity in road and aviation sector.
- l) Develop Public Mass Transport in the country.
- m) Develop the KIA as a hub within the West African Sub-region

## **THE ICT DEPLOYMENT AND EXPLOITATION POLICY GOALS**

The following will form the ICT policy goals of the Ministry:

- ❖ Build and strengthen ICT resource capacity of the ministry through training and developing staff competence in ICT applications.
- ❖ Establish cost effective and reliable ICT systems, architecture and Infrastructure
- ❖ Enhance Information Management, Dissemination/ Reporting & Control
- ❖ Improve Software Management by strengthening software acquisition procedures, evaluation procedure, application and version control, software register, audit and anti piracy.
- ❖ Implementing an Effective MRT ICT Security Policy
- ❖ Establishing Corporate Internet and E-Mail Policy

### **KEY AREAS OF COMMITMENTS OF THE MINISTRY IN RELATION TO THE DEPLOYMENT AND EXPLOITATION OF ICT**

MRT is committed to pursuing a number of key strategic options towards improving business operations, cutting down cost of operations, reducing waste and offering quality services by way of using ICT effectively and efficiently for:

- i. Preparation of research/studies towards policy formulation
- ii. Dissemination of results of research
- iii. Derivation of appropriate policies and strategic options for planning the development of the sector

- iv. Implementing feed-forward and feedback procedures/processes in our operations to ensure effective and efficient monitoring of sectoral projects/policies
- v. Establish a reliable data/information transmission and reporting systems.
- vi. Creation and maintenance of a databank of information on the roads and transport sector for decision-making
- vii. Communication with major stakeholders (i.e. establishment of a website)