



KEY

PERFORMANCE

INDICATORS

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PLAN OF PRESENTATION

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1. DEFINITION OF PERFORMANCE INDICATORS

Performance Indicators can be defined as a set of tools developed to measure the institutional, financial and technical performance of road maintenance funds, and indeed the entire road management, in order to ensure that these agencies are run according to sound business practices with the obligation of results.

- **The Principal recommendation of RMI**

2. MEASUREMENT OF PERFORMANCE

DER-STEPANIAN & IDOSSOU, in SOURCE, identified 10 areas in which performance can be measured.

These can be regrouped into 4 categories

- ◆ Road Fund performance,
- ◆ Road Agencies performance,
- ◆ Performance of contractors, and,
- ◆ Network performance.

3. KEY PERFORMANCE INDICATORS

For evaluation purposes, performance indicators can be divided in to 2 groups, looking at them from the perspective of the road maintenance fund (2nd Generation Fund).

Those that:

- A) Directly affect the road fund,**
- B) Concern the entire road management**

(After GEWD BI-MINYEM)

4. THE ROAD MAINTENANCE FUND

(a) Collection of funds:

- **Sources of funds - % from Road User Charges (RUC)**
- **% RUC collected by RMF and put into its accounts,**
- **% of RF resources collected by other services,**
- **Regularity of collection (daily, monthly, quarterly).**

4. THE ROAD MAINTENANCE FUND **(CONT'D)**

b) Availability & Disbursement of funds:

- **Amount of resources available in RF accounts cover how many months' costs?**
- **Allocation of RF resources between types of maintenance and net works**
- **Average length of time for payment of bills,**
- **Rate of rejection of bills.**



4. THE ROAD MAINTENANCE FUND **(CONT'D)**

c) Management of the RF:

- **Size of the RF management team (no. of persons working in the RF),**
- **RF annual overheads: (as % of RF budget)**



5. PERFORMANCE OF THE REST OF ROAD MANAGEMENT

These concern :

5.1 Road Agency,

5.2 Capacity of contractors (SMEs),

5.3 Audit of Road Maintenance,

5.4 Road Network Conditions



5.1. PERFORMANCE OF THE ROAD AGENCY

- a) Management and supervision of works by:
 - (i) Road Agency**
 - (ii) Ministry of Roads**
 - (iii) Others (local government, etc.)****
- b) Programming of road maintenance works:
use of road management systems to prepare
road maintenance programmes.**

5.1 PERFORMANCE OF THE ROAD AGENCY (CONT'D)

c) Management of contracts

% of different types of contracts managed:

- 1. Ordinary contracts,**
- 2. Medium term contracts,**
- 3. Performance Based Contracts,**
- 4. Concessions**

5.1 PERFORMANCE OF THE ROAD AGENCY (CONT'D)

d) Coverage of Maintenance needs:

- Routine Maintenance,**
- All Maintenance.**

e) Length of Priority Network (km)

Length of Total Road Network (km)

f) Amount of maintenance by contract. (% of all)

5.2 PERFORMANCE OF CONTRACTORS

Capacity of Contractors (SMEs):

- **Respect of contractual times,**
- **Total number of SME contractors,**
- **No. working continuously,**
- **Size of contracts,**
- **Number of cancelled contracts**
- **Amounts paid out to contractors (SMEs)**



5.3 PERFORMANCE OF ROAD MAINTENANCE

- **Internal and External audits,**
- **Frequency and periodicity of audits,**
- **Technical and Financial Audits**



5.4 PERFORMANCE OF THE ROAD NETWORK

◆ **NETWORK CONDITIONS:**

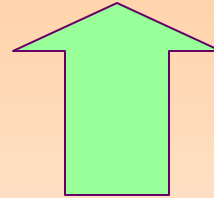
The conditions of the road network classed as:

- a) Good,**
- b) Fair,**
- c) Poor**

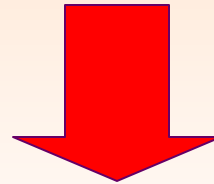
SOURCE Studies – measurement tool

6. CONCLUSIONS

- **SECOND GENERATION**



- **GOOD RESULTS**
- **POOR RESULTS**



- **FIRST GENERATION**



**LET THE
DISCUSSIONS
BEGIN**



THE END