Road system under threat!!!
But SA has best practice to showcase as well!
Key Question

- What is our vision for roads development moving forward???
• We want:

……an integrated road network system, that is managed efficiently, by adequately resourced roads authorities, providing access and mobility to all South Africans in a sustainable manner.
Key Challenge

Service Delivery Efficiency (Best practice)

Achieving service delivery efficiency and an integrated road network system – eliminating poor roads
What is the Road Infrastructure Strategic Framework for SA

• An embodiment of road infrastructure policy; and
• A blueprint for roads planning and development, for use by all roads authorities in the development of their roads plans
Strategic Intention

• To develop and implement comprehensive and appropriate interventions to ensure service delivery efficiency and sustainability in the road network system
Road Infrastructure Strategic Framework for South Africa

**Challenges**
- Institutional Arrangements
- Road Classification
- Information Systems
- Funding
- Human Capital

**Key Focus Areas**
- Support for Economic Growth Areas
- Community Access Roads
- Labour Intensive Methods
- Support for IDPs, ISRDP & URP
- BEE, Entrepreneur & SMME Development

**Strategies**
- Roads Coordinating Body
- Service delivery models
- Uniform classification system
- Comprehensive road prioritisation system
- Standardisation of info systems
- Inter-linkage of systems
- Road needs study
- Funding mechanisms
- Review of toll strategy
- Skills audit & industry capacity
- Short term interventions
- Long term interventions

**SUMMARY**
Key Focus Areas
- Support for Economic Growth Areas
- Community Access Roads
- Labour Intensive Methods
- Support for IDPs, ISRDP & URP
- BEE, Entrepreneur & SMME Development
Overview of Contents

- Chapter 2 – Institutional Arrangements
- Chapter 3 – Road Network Management
- Chapter 4 – Information Systems
- Chapter 5 – Funding Sustainability
- Chapter 6 – Human Capital
- Chapter 7 – Future Perspectives (Research)
Chapter 2: Institutional Arrangements

- Promotes coordination and a partnership approach to road network management
- Calls for the Establishment of a Roads Coordinating Body (RCB) that comprises:
  - DOT, Provinces, National Treasury, Metros, DPLG, SALGA.
- Requires DOT and provinces to strengthen coordination with municipalities (through e.g. mini-RCBs)
- Introduces Conceptual Delivery Models, which can be adopted by roads authorities that face service delivery efficiency challenges
- Re-emphasises the critical role of MINMEC
Chapter 3: Road Network Management

- Describes the role and challenges facing the road network system
- Provides statistics of the road network extent (km) – i.e. national, provincial, municipal, gravel, surfaced and unclassified roads
- Promotes a cluster approach to road network management i.e. national roads, access roads etc.
- Calls for the identification of a new cluster i.e. a strategic secondary road network – will serve a dual function of feeder to primary road network and backbone of provincial economies
- Proposes a new road classification system
### Chapter 3-Classification Summary

<table>
<thead>
<tr>
<th>Class</th>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class 1</td>
<td>Primary Distributor</td>
</tr>
<tr>
<td>Class 2</td>
<td>Regional Distributor</td>
</tr>
<tr>
<td>Class 3</td>
<td>District Distributor</td>
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<tr>
<td>Class 4</td>
<td>District Collector</td>
</tr>
<tr>
<td>Class 5</td>
<td>Access Roads</td>
</tr>
<tr>
<td>Class 6</td>
<td>Non-Motorised Accessways</td>
</tr>
</tbody>
</table>

*Classification system describes strategic function and nature of roads in each class
*A guideline document for roll out of the new classification system will be developed
*All roads authorities will need to reclassify their road networks
Chapter 4: Information Systems

- Places emphasis on the need to develop, manage and harmonise information and decision support systems
- Reiterates the importance of road condition surveys, since they form the basis for road prioritisation and investment
- Reports on the condition of the road network system, which is shown to be generally poor
- Calls for the development of appropriate performance indicators for the road network system – the SANRAL is already contributing to this important area
- Recommends the definition of a basic information system for roads authorities
- Recommends the development of a GIS system at DOT
Chapter 5: Funding Sustainability

• Covers the debate on road revenues vs. allocations
• Identifies funding strategies for non toll roads
• Recommends a review of the toll roads framework – to ensure equity and define applicability
• Calls for the execution of road needs studies; particularly the municipal road network assessment study
• Calls for the expansion of role of PPPs in road service delivery – beyond toll concessions
• Brings in the Road/Rail debate in arguing for the movement of appropriate cargo by road
• Emphasises the need to focus on access road development
Chapter 6: Human Capital

- Emphasises the need to measure the problem to manage the problem – i.e. the importance of skills audits in addressing capacity shortages
- Shows trends of a decline in engineering and related skills
- Cautions of a risk of “choking” industry if funding levels rise significantly – like now!!
- Recommends short-term interventions to address current capacity shortages
- Recommends long-term strategies for human capital development in roads sector
- Promotes partnerships to build required capacity
Chapter 7: Future Perspectives (Research)

- Acknowledges a lag in road research in SA
- Emphasises the need to keep SA’s competitive edge in the road field
- Proposes a research agenda for the roads sector
  - Some of the areas include financing, technology, materials, environmental and social
- Encourages linkages with similar initiatives in industry
Action Plan

• It is a medium-term plan for improving road network management (5-10 yrs)
• Contains specific projects for each area in each of the chapters
DEPARTMENT OF TRANSPORT

The End