Key Challenges

• Successful economic development has boosted export growth
• Success in trade and tourism depends on efficient, low cost logistics system
• Geographical isolation of South Africa is a comparative disadvantage
• Overall logistics system management and performance is suboptimal
• Containerization and information technology have become core to global logistics system
• Investment in transport infrastructure has not kept up with economic growth
• Fundamental policy framework (White Papers on Transport, Moving SA) is sound, decisive implementation is the key challenge. Most recent intervention is the formulation and implementation of the National Freight Logistics Strategy.
SA’s isolated Geographical position relative to markets and trade routes demands Global Competitiveness. Transport Efficiency is crucial for the National Economy.
Overview of South Africa’s Primary Logistics Infrastructure

• Rail
• Ports
• Air
• Border posts
• Road
Importance of Road Transport

- Dominant mode of transport (>80%)
- Essential to the growth of economy
- Impact on road infrastructure
- Need to optimise operations

The Road Transport Web
ANATOMY OF A ROAD

Increased Number of Axles Repetitions over 20 year Design Life

Local Street

Farm To Market

Typical National Road

Waterproof Layer

USA/Europe
SA has (had!!) a high Standard / condition of National Road Network
Road Freight Challenges in South Africa

- Vehicle Maintenance
- Construction, Maintenance & Rehabilitation
- Road Infrastructure
- Road Safety
- Driver Fatigue
- Driver Health
- Driver Training
- Increasing FREIGHT TASK
- Traffic Congestion
- Law Enforcement
- Transport Efficiency
- National Economy
- Global Competitiveness
- Unfair Competition
- Road/Train Debate
- Vehicle Overloading

- Road Infrastructure Deterioration

- Global Competitiveness

- National Economy
Is there is a WIN-WIN Solution?

What is it?
Who says so?
Can it be relevant or adapted?
Will it cost or save an organisation?