

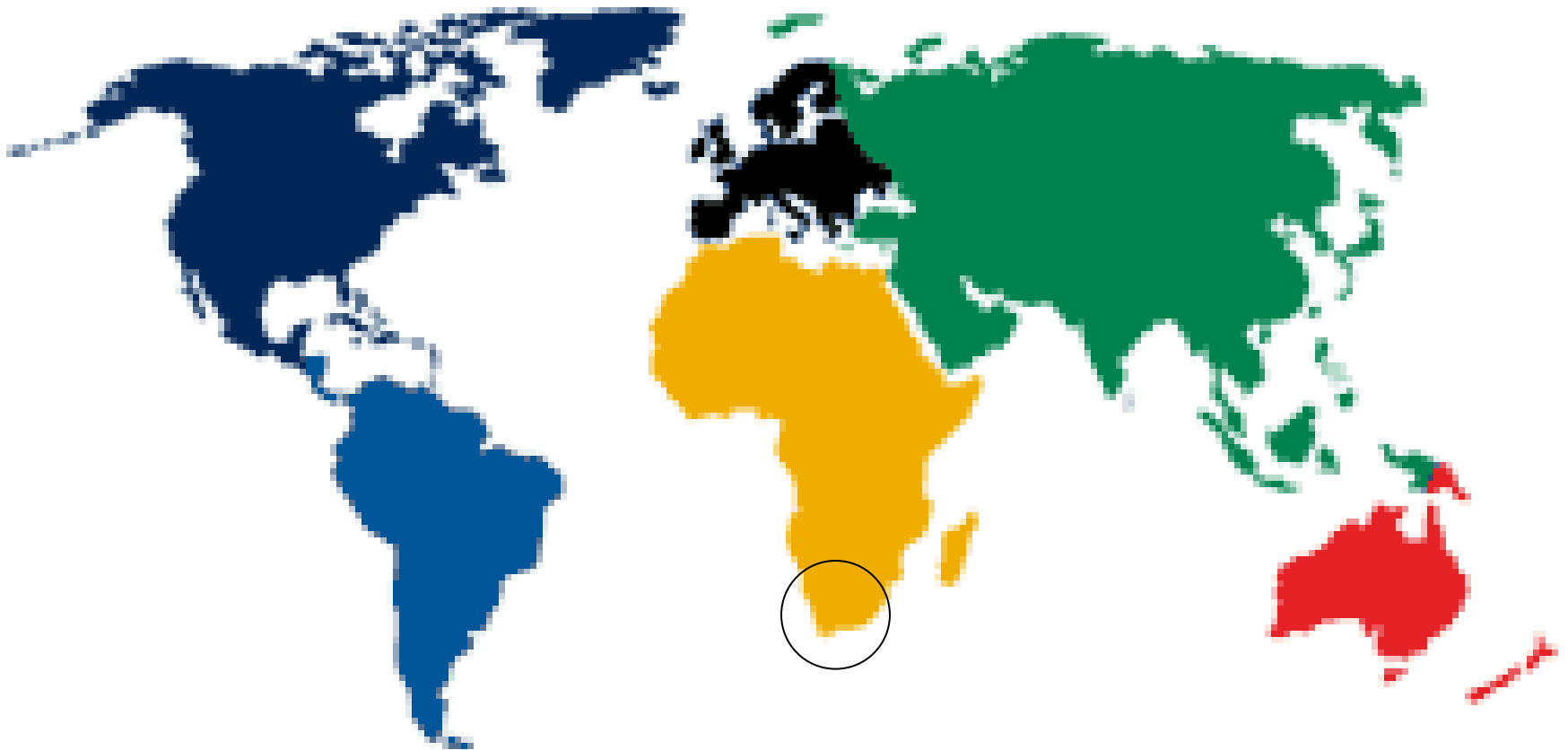
Leapfrogging opportunities and the need for policy direction on ITS

UNECE Conference on
ITS for Sustainable Mobility

28 February 2012

Geneva

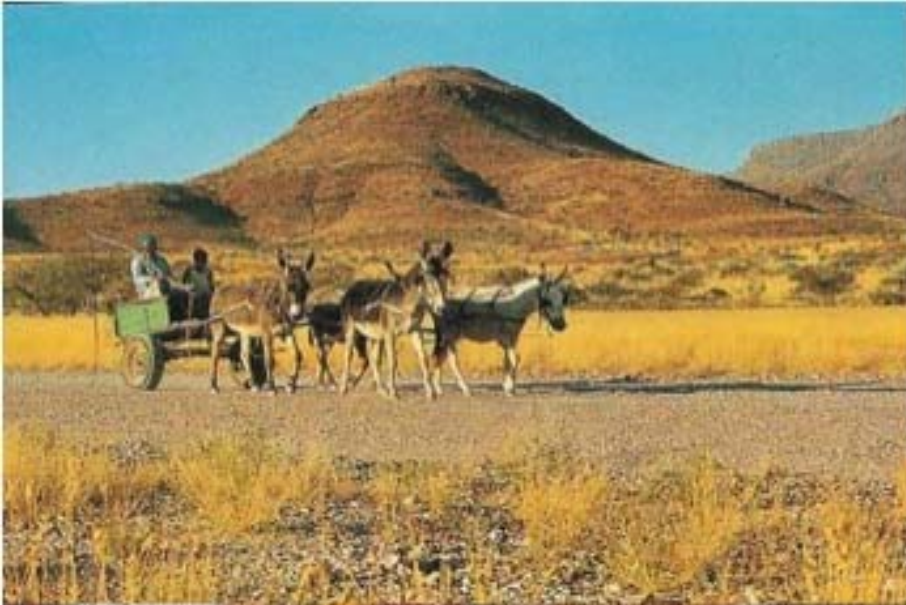
Dr Paul Vorster, CEO ITS South Africa







Country of great **contrasts**



Country of rich and poor





NATIONAL
GEOGRAPHIC

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SOUTH AFRICA, JUNE 2010

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- Rapid urbanization, urban sprawl, insufficient public transport, congestion and near gridlock
- Gap between rich and poor
- High tech and no tech (but 40 million cell phones)
- Vehicle fleet 15+ years of age
- Minibus taxis carry 65% of commuters
- Rampant unemployment (24% officially)

- Reduce congestion nearing gridlock in cases
- Improve traffic management
- Improve traffic law enforcement
- Develop integrated public transport system
- Achieve better modal balance
- Improve road safety
- Reduce environmental impact
- Find funding amidst competing priorities



- To achieve a balanced and integrated transport system in sustainable cities -- with public transport a mode of choice -- where ITS technologies contribute:
 - To enhance transport efficiencies;
 - To improve transport-related safety and security and reduce road deaths;
 - To encourage a people-oriented service approach in transport; and
 - To promote environmental sensitivity and reduce transport's carbon footprint



To achieve the vision, we require:

- To **find funding** amidst competing priorities by:
 - Showing the **cost-benefits** of ITS investment
 - Utilising the advantages **of leap-frogging** to new technologies in the absence of legacy systems
- **Policy direction** by:
 - Collaboration with partners, e.g. IRF ITS Policy Committee, IBEC, UITP & UNECE
 - MoUs with ITS Associations
 - Engaging with political champions

Gautrain Rapid Rail – A catalyst



User-pay principle





Automated Fare Collection



- Active member of IRF ITS Policy Committee
- SC 71 H of SABS and DoT on ITS standardisation and policy framework
- Cooperate with transport/ITS partners
- Reaching out to political champions
- Supporting the ITMP-25 (25-year Integrated Transport Master Plan for Gauteng Province)
- On the “wish list” is project to develop “ITS Green Paper”





Road Ahead...



Thank you for your attention!

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