

FUTURE MOBILITY AFRICA CONFERENCE

2nd & 3rd October 2018

Durban ICC

Afr



Duncan Mason
12 November 2018

An initiative of:



Over 80 delegates

- Government
- Academia
- Technical
- Business



Main Sponsors

Hala Motors
RHDHV
Aurecon
Delotte



Government

- NDoT
- KZN Premier's Office
- ETA
- RTMC
- Innovate Durban
- SACAA

Explore Disruptive Technologies in the Transport Environment & Future Mobility Scenarios for the next 20 Years

1

Green Mobility

2

Drones & Aviation Conv

3

CAVs

4

Shared Mobility & MaS

Mr Frikkie Brooks – Office of the Premier of KZN

Relevance of the Provincial Growth & Development
Strategy in relation to Future Mobility



Green Mobility

Future Scenarios for Green Mobility & Adoption of Evs - Mr Simon Carpenter, Technical Advisor @ SAP

- Local Production of Evs
- Accessible, effective and efficient shared mobility

Local OEM's response to the Green & Shared Mobility Challenges – Ms Cindy Smith, CEO Hala Motors

- Globally still targets for CO2 emission reduction
- Rise in prominence of EVs – 812 m in 2002 to 2.0 bn in 2030 with 77% produced in developing countries



Drones & Aviation Convergence

Policy & Regulation Issues – Dr Albert Msithini, SACAA

- Over 60k unregistered drones in SA
- Desperate need for improved operator training

Commercial and Industrial Applications of UAVs in SA – Mr Justin Melman, MD Aerospace 3D

- Bridge & building inspections
- 3D Scanning and survey



Connected & Autonomous Vehicles

Global Testing & Piloting of CAVs – Mr Clement Debouys,
Area Sales Manager, Easy Mile

- Globally no legislation in place to operate driverless vehicles on public roads

Enabling Effect of 5G on V2V and V2I Communications – Mr
Melao Mashale, Head of ToT @ MTN

- Zero latency = almost instantaneous response





Shared Mobility & MaS

Future of African Mobility – Ms Portia Derby, Exec Director Clients @ Aurecon

- Public transport is primary means of travel for most South Africans
- SA spend 17% of income on Transport vs < 10% globally

Launch of City Mobility Index – Mr Jan-Hendri Tromp, Chief of Staff, Automotive @ Deloitte

- New tool to measure the effectiveness of mobility in SA cities

Closing Address

Dr Blade Nzimande – National Minister of Transport

- Innovation and technology development is critical – appointing a panel of experts to advise
- Establishing transport innovation hubs
- Update NATMAP to account for new technologies and future mobility influences
- Industrial Revolution 4.0 resulting in significant changes in labour market
 - Invest in the development of new skills
 - Research & training
- Fully supportive of CAV trails