



DEPARTMENT OF TRANSPORT  
KWAZULU-NATAL  
UMNYANGO WEZOKUTHUTHA



# ROAD SAFETY AND MOBILITY



## **ROAD SAFETY: A COLLECTIVE RESPONSIBILITY**

- **SOUTH AFRICA IS A SIGNATORY TO UNITED NATION PLEDGE FOR “A DECADE OF ACTION FOR ROAD SAFETY 2011 TO 2020”**
- **THIS WAS CONCLUDED IN 2010**
- **WE COMMITTED TO REDUCTION OF ROAD FATALITIES BY 50% BY 2020(NATIONAL)**



# SAFE MOBILITY FOR ALL

- **INCREASE MOBILITY AND ENSURE EASE OF TRAVEL THROUGH:**
  - Improving road infrastructure: maintenance, construction, rehabilitation
  - Improve public transport in urban area by introducing Integrated (Rapid) Public Transport Networks and Rural Transport Mobility
  - Introduce new technology for traffic management



# HISTORICAL CHALLENGES TO MOBILITY

## 1. SEGREGATIVE SPACIAL PLANNING

- African dwelling outside cities
- Long distance travel to economic centres
- Government focus on the supply side and motorised users

## 2. COMMUNITY SEGREGATION

- Highways through communities, separate and amenities
- Increase pedestrian vehicular traffic



### **3. IMPROVEMENT OF ROAD INFRASTRUCTURE WITHOUT TAKING INTO ACCOUNT NON- MOTORISED TRANSPORT AND SAFETY**

- No pedestrian walk
- No safety public transport stops
- No speed calming measures



## **5. EASE OF MOBILITY AFFECTED BY HIGH NUMBER OF HEAVY VEHICLES**

- Rail not responding**
- Unregulated entry**
- Increasing volumes of cargo at port**
- Road infrastructure deterioration**



## **5. CAR DEPENDANCY**

- Public Transport not responding to the need**
- Existing PT not safe**
- Driver license pre requisite for employment-young inexperienced drivers**



YEAR	No of Crashes	No of Fatalities	Percentage for crashes and fatalities	
			Crashes	fatalities
2010	2249	2787		
2011	1961	2190	12,80 % decrease	21,42 % decrease
2012	1693	1906	13,66% decrease	12,96% decrease
2013	1709	1981	0,94% increase	1,03% increase
2014	1765	1998	3,27% increase	0,85% increase
2015	1868	2102	5,83% increase	5,20% increase
<b>2016</b>	<b>1586</b>	<b>1851</b>		





# ROAD CRASHES AND FATALITIES

PERIOD	FATALITIES		CRASHES	
	2015	2016	2015	2016
	<u>155</u>	214	131	184
MAY	234	194	208	176
JUNE	200	209	185	109
JULY	189	233	167	194
AUGUST	225	183	193	168
SEPTEMBER	173	205	161	177
OCTOBER	175	137	167	125
NOVEMBER	162	160	140	180
DECEMBER	265	316	233	273



# CAUSED OF ROAD CRASHES

MAJOR CONTRIBUTOR (2015)	FACTORS	PERCENTAGE
PERIOD	FRIDAY SATURDAY, SUNDAY	
	19H00-23H00	
VEHICLE TYPE	LMV	48%
	LDV	22%
	MINIBUS	10,4
HUMAN FACTOR	JAY WALKING	45,5%
	SPEEDING	48%
HIGH NUMBER FATALITIES	PEDESTRIANS	74%
VEHICLE FACTOR	TYRES BURST	73%
	BRAKES	13.2%



## OUR PILLARS

- Law Enforcement
- Road Safety Awareness;
- Engineering
- Communications
- Evaluation



# TARGET OFFENCES

- 1) Drinking and driving
- 2) Overloading – goods and passengers
- 3) Moving offences
- 4) Speed
- 5) Seatbelts - front and rear
- 6) Driver /vehicle documentation
- 7) Pedestrians
- 8) **Tyre and brakes**
- 9) **LDV transporting people**



## TYPES OF OPERATION

- **MULTI DISIPLINARY ROAD BLOCKS (K78)**
- **INTER PROVINCIAL OPERATIONS**
- **CROSS BORDER OPERATIONS**
- **TOWNSHIP OPERATIONS ON KEY AREAS**
- **ALCOHOL ROAD BLOCKS**
- **PUBLIC TRANSPORT OPERATIONS ROAD BLOCKS**
- **OVERLOAD CONTROL**
- **ROAD SAFETY AWARENESS CAMPAIGN**



## ROAD SAFETY EDUCATION

- Young Road users
- Adult pedestrians
- Motorists
- Public transport and freight transport



# ROAD SAFETY AWARENESS CAMPAIGNS

- Public Transport Facilities
- Help Centres
- Community campaigns
- Tavern visits
- Media campaigns
- Awareness at road blocks



# HAZARDOUS ROUTES

<b>N3 Corridor</b>	<b>N2 Boboyi – Port Shepstone (South Coast)</b>
<b>N2 Corridor</b>	<b>N2 iZotsha Plaza – Port Shepstone (South Coast)</b>
<b>N11 Ladysmith to Volksrust</b>	<b>R61 Marina Beach intersection – Port Shepstone</b>
<b>R74 Oliviershoek to Stanger</b>	<b>N2 Izingolweni – Port Shepstone (South Coast)</b>
<b>R102 – Alternative Route</b>	<b>R603 UMBumbulu road</b>
<b>R103 – Alternative Route</b>	<b>R34 Richards Bay to Vryheid</b>
<b>R33 Pietermaritzburg to Greytown</b>	<b>R618 Hlabisa to St. Lucia</b>
<b>R56 Foxhill to Kokstad</b>	<b>Utrecht to Newcastle</b>
<b>R617 Merrivale to Kokstad</b>	<b>R66 Gingindlovu to Nongoma</b>





# AREAS OF FOCUS

- 20H00-22H00
- PEDESTRIANS AND SINGLE VEHICLE OVERTURN
- PASSENGER AND PEDESTRIANS
- MAINLY MALES

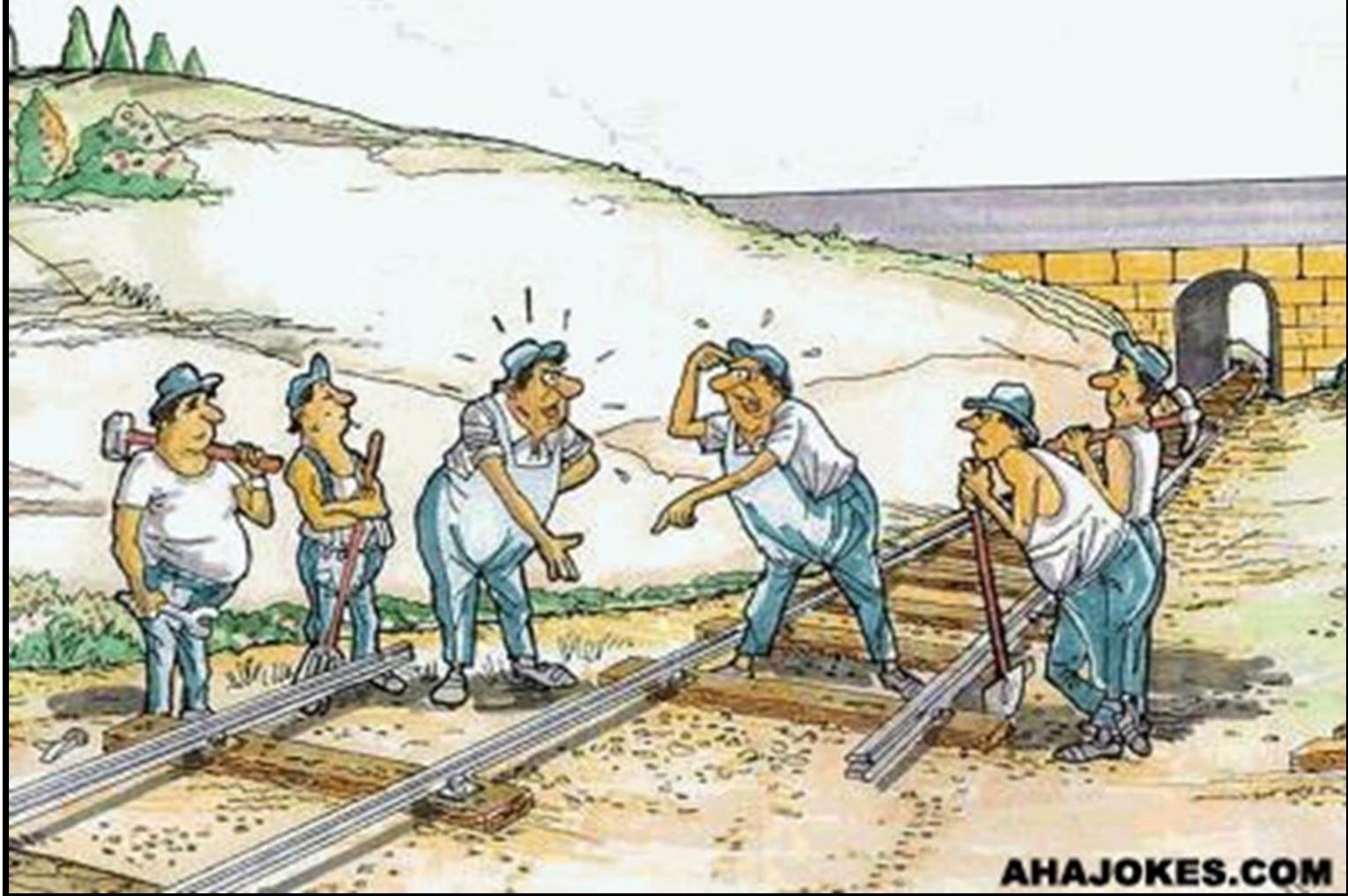


# CHALLENGES

- SHORTAGE OF ENFORCEMENT CAPACITY
  - ACCIDENT DATA COLLECTION AND ANALYSIS
  - FRAUD AND CORRUPTION
  - FRAGMENTED LAND USE PLANNING
  - POOR EMERGENCY RESPONSE
  - UNCHANGING ROAD USER BEHAVIOUR
  - LACK OF LOCALISED RESEARCH ON CAUSES OF CRASHES
  - INCREASING RATE OF ACCIDENTS
- WE NEED HELP!!!!!!!!!!**



## Team Work





Ngiyabonga