



Digitalization of enforcement of road traffic laws in Rwanda

**Celebration of the 7th UN Road safety week, 15th
May 2023**

May 15, 2023



Presentation outline

1. Background
2. Responsibilities of key players in road safety
3. Digitalization of enforcement of road traffic laws in Rwanda
4. Other practices to ensure road safety in Rwanda
5. Challenges and ways forward



1. Background

- Rwanda has made tremendous efforts to improve road safety (automated speed limit enforcing camera, speed governors, vehicle inspection, road infrastructure improvement, etc.) to meet not only national but also international standards

- Key players in road safety are:
 - Ministry of Infrastructure (MININFRA)
 - Rwanda Transport Development Agency (RTDA)
 - Rwanda National Police (RNP)
 - Rwanda Utility Regulatory Authority (RURA)
 - City of Kigali



2. Responsibilities of key players in road safety

a. Ministry of Infrastructure

- Development of Policies, strategies, Laws, Ministerial orders and programs to sustain Road Safety
- Supervising activities meant to elaborate, monitor and assess the implementation of national policies and programs on matters relating to Road Safety

b. Rwanda Transport Development Agency (RTDA)

- Road Construction, Rehabilitation and maintenance
- Road Safety Audits;
- Correction of black spots;
- Installation of road traffic signs (traffic signs, road signs, road markings;
- Installation of crash barriers on roads.



2. Responsibilities of key players in road safety (Cont'd)

c. Rwanda National Police-Traffic and Road Safety Department:

- Testing and licensing;
- Traffic laws enforcement;
- Motor Vehicle Inspection;
- Escort (VIPs, delegations...);
- Accident investigations and records;
- Acquisition of modern road safety policing equipment
- Awareness programs (media, training and meetings).

d. Rwanda Utility Regulatory Authority (RURA)

Among other functions, RURA is responsible of licensing motorcycles. The license is provided with obligations in which the respect of road safety law and regulations are included, once breached, the license is cancelled

e. City of Kigali

In relation to Road Safety , the City of Kigali is responsible to put in place safety related infrastructure in the City of Kigali.



3. Digitalization of traffic legislation enforcement in Rwanda

Steps made in digitalization of traffic legislation enforcement to ensure the maximum road safety include:

- a) Speed & Red-Light Cameras (RLC) and CCTV installed by Rwanda National Police in different corners of the country:
 - Red Light Cameras run an automated system that detects and captures images of automobiles entering an intersection after the traffic signal controlling the intersection has turned red and those who drive in wrong lanes of the road.
 - RLCs also detect any vehicle that violates the zebra crossing line
 - Installation of speed limit enforcing cameras set to monitor speed limit violation





3. Digitalization of traffic legislation enforcement in Rwanda (Cont'd)

- b) Development of a one stop center that will eliminate human contact and usher in a completely computerized system of sitting both theoretical and practical driving tests to be operationalized this year 2023
 - The non-automated manual drivers testing system tends to be subjective and depends heavily on the integrity and experience of the examiner...and it limits accessibility
- c) Hand Held Terminals (HHT) cashless system that allows penalized traffic offenders to pay the fine using smart card (e.g. Visa card)
- d) Automated Number Plate Recognition (ANPR) machine that automatically checks the status of vehicles in relation to vehicle inspection, insurance, and traffic offence record.



3. Digitalization of traffic legislation enforcement in Rwanda (Cont'd)

Benefits of digitalization of traffic legislation enforcement:

- Reduced interactions between traffic police agents and road users thus:
 - ❖ significant reduction in fraud and corruption cases
 - ❖ Reduction of stops due to police agents speed limit enforcement
- Reduced number of Road accidents caused by over speeding
- Reduced bad behavior and attitude of Motorcycle riders
- E-payment
- Effective traffic offenders tracing
- Moreover, traffic cameras have also helped to bring drivers under control.



4. Other practices to improve road safety in Rwanda



Painting
Zebra
crossings
in School
zone



RNP
together
with RTDA
installing
Road signs



RNP educating school children
at a Zebra crossing during
Police week

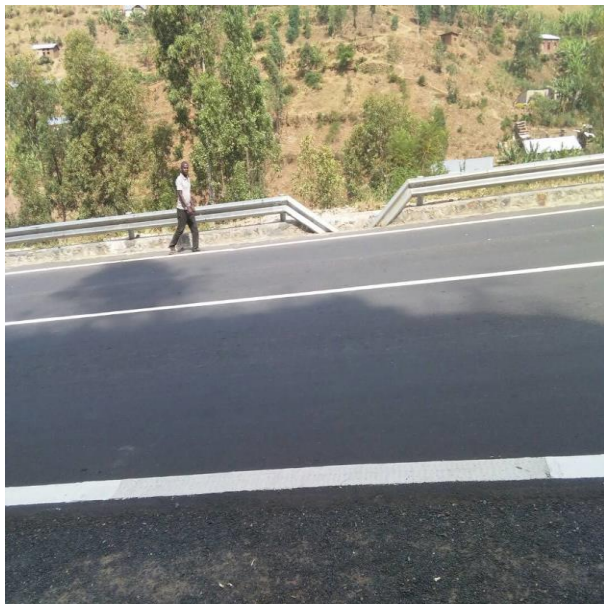


4. Other practices to improve road safety in Rwanda (Cont'd)



Motorists and passengers required to wear Helmets

Hi-tech laser/radar gun held by trained RNP officers



Crash barriers installed on accident prone areas

Road markings painted in Multi year maintenance contracts





5. Challenges and ways forward

Challenges

Despite all the efforts made, Rwanda still scores poorly on road safety in WHO reports mainly due to the fact that:

- The documentation of the improvements made is still not yet easily accessible
- Data (road crashes, interventions, etc.) not yet published as per international standards
- No helmet standards

Ways forward

- ✓ Development of Road Accident Management system is in pipeline
- ✓ Development of helmet standards and acquisition of helmet testing equipment in partnership with ECA and FIA Foundation
- ✓ Operationalization of a fully fledged Integrated Driving Testing Center (One-Stop Center)
- ✓ Revision of the draft law governing road traffic in process to cater for technological practice (e.g. Demerit point system)



Republic of Rwanda
Ministry of Infrastructure

MININFRA



THANK YOU

