



# Towards Safer Roads in Nigeria: 25years Experience



By  
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# FRSC Contribution to SSATP Meeting Dakar Dec. 10-11 2013



## TITLE OF PROPOSED TOPIC

- Towards Safer Roads in Nigeria: 25years Experience

## RATIONALE

- Federal Road Safety Corps was the first major government derived Road Safety Initiative in Africa 25years ago, to be precise, 1988. The Government of Nigeria took a bold step by establishing the first Lead Agency in Road Traffic Administration. There is no doubt that there has been challenges but the success story is worth sharing with others . The effect of the Corps has not only stem the hitherto alarming rate of carnage on Nigerian roads but has also reversed the trend, bringing with it innovations in road traffic administration and safety management.



# Who we are

**FRSC, Established  
18 February, 1988**

## GENERAL FUNCTIONS

Making the Highways safe for motorists and other road users.

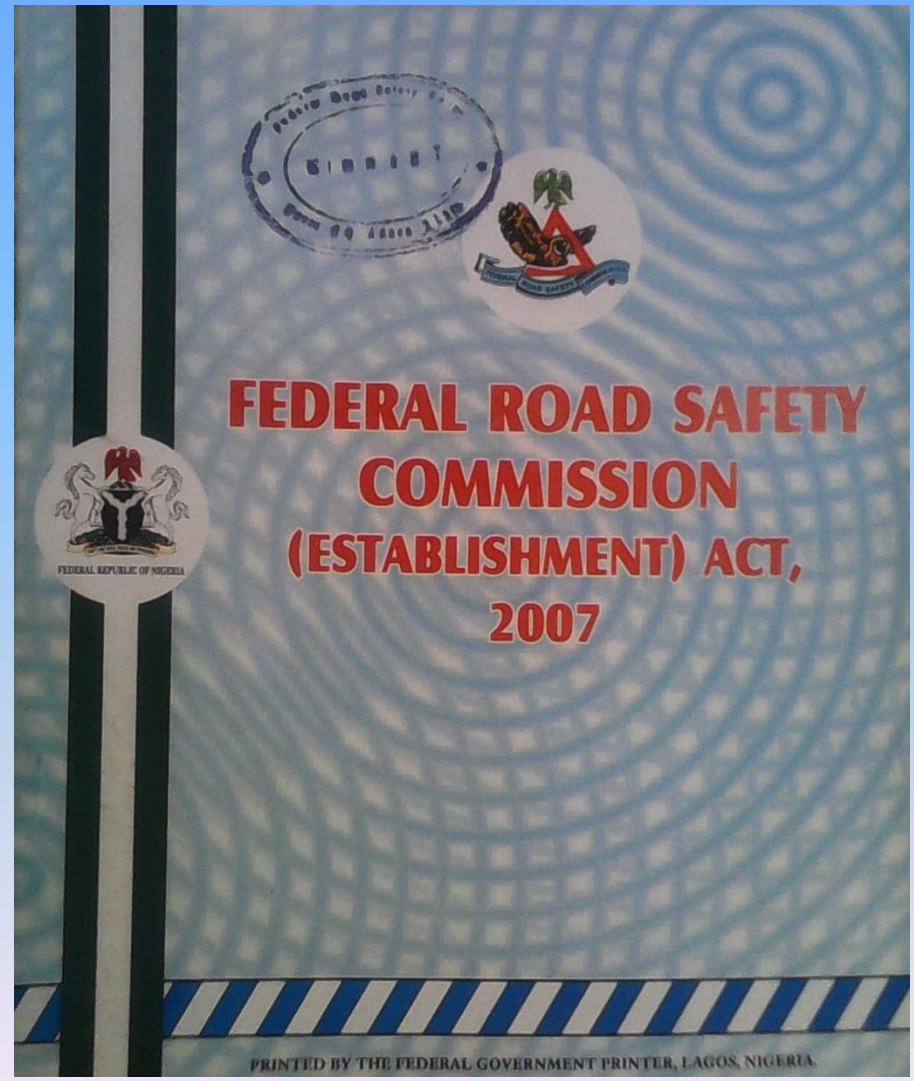
Recommending works and Devices designed to eliminate or minimize accidents on the highways and advising the Federal, and State Governments including the Federal Capital Territory Administration.

Educating Motorists and Members of the public on the importance of discipline on the highways





# Operates as Lead Agency with Legal Instrument [FRSC (Establishment) Act, 2007]



# RESPONSIBILITIES OF FEDERAL ROAD SAFETY CORPS, NIGERIA



Preventing or minimizing crashes on the highway

Designing and producing the Driver's license to be used by various categories of vehicle operators.

Giving prompt attention and care to victims of accidents

Providing road side and mobile clinics for the treatment of accidents victims free of charge.

Clearing obstructions on any part of the highways.

Determining from time to time the requirements to be satisfied by an applicant for a Driver's license

Conducting researches into causes of motor accidents and methods of preventing them and putting into use the result of such researches.

Standardization of highway traffic codes.

Educating Drivers, Motorists, other road users and members of the public on the proper use of the highways.

Designing and producing vehicle number plates.

Determining and enforcing speed limits for all categories of roads and vehicles and controlling the use of speed limiting devices.

Regulating the use of Sirens, Flashers and Beacon light on vehicles.



Co-operating with Bodies or Agencies or Groups engaged in road safety activities or in the prevention of accidents on the highways



# OUR VISION

Eradicate  
Road Traffic  
Crashes

&

Create Safe  
Motoring  
Environment  
in Nigeria



## OUR MISSION



Sustained  
P.E

Promotion of  
Stakeholder  
Co-op

Robust Data  
Mgt

Improved  
Vehicle  
Administration

Prompt  
Rescue  
Services

Effective  
Patrol  
Operations



# OUR FUNDAMENTAL STRUCTURE



**People:** our greatest asset



**Processes**



**Technology**





# Key Initiatives

 Since year 2007



# Installation of IT infrastructure



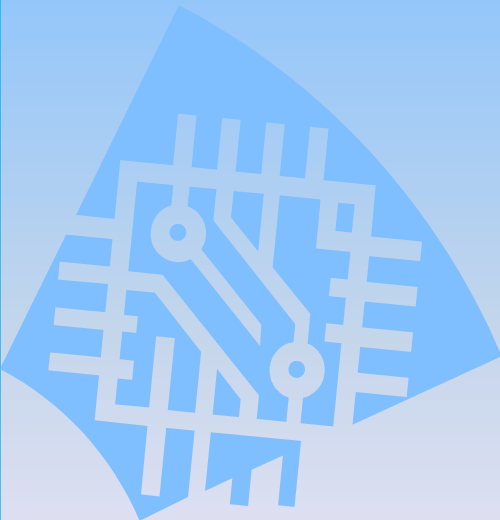
Real-Time information on Road Crashes, Traffic update and related issues.



Dashboard reporting – Enhancing Policy formulation.

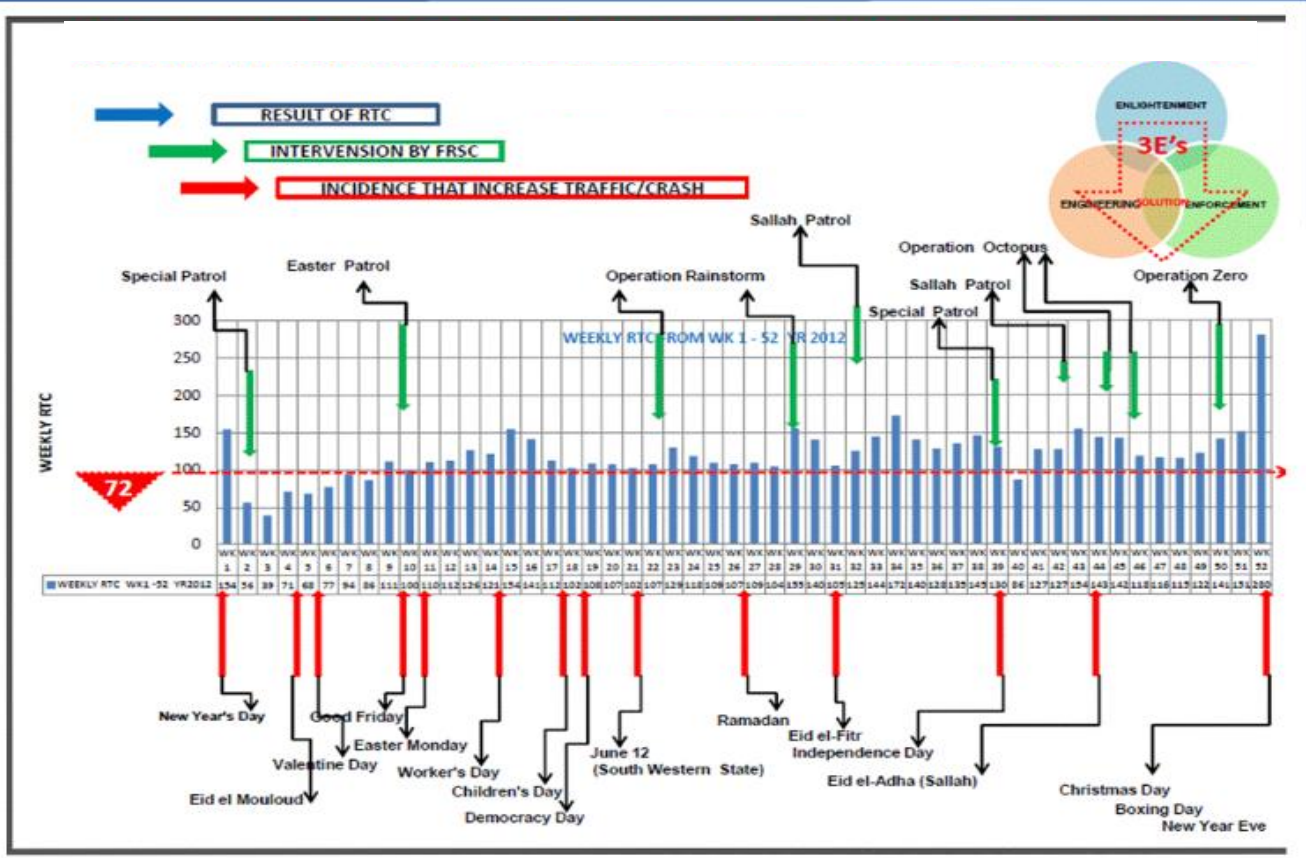


Improved data collection and analysis.



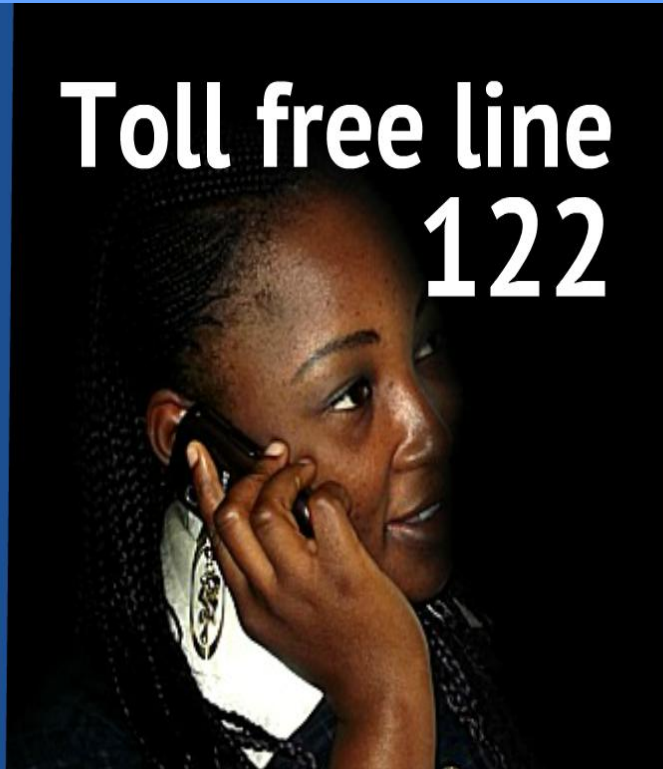


# Evidence Based Patrol Deployment





# Toll free line 122



Based on the Golden Rule

For prompt attention to Victims  
of Road crashes


To improve response  
time





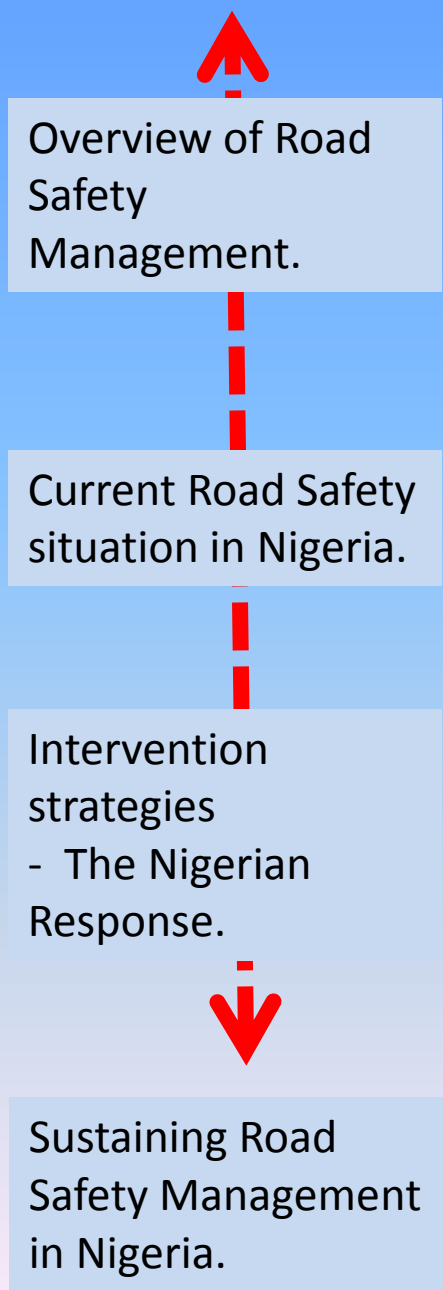

# Development of a National Road Safety Strategy

# NRSS



NIGERIA ROAD SAFETY STRATEGY (NRSS)

2014-2018





# Introduction of Standard School Bus



Developed Policy on School Bus Design and Usage

Reduce the Risk children are constantly exposed to during school period

Protect the Young and Future Leaders from road crashes





# Infusion of Road Safety in School Curriculum







# On Line Real Time View Of Offenders Payment System

The screenshot displays a web browser window with the URL <http://www.frscfinescollection.com/Analysis/PeriodicIncomeAnalysis/tabid/94/Default.aspx>. The page header includes the text "FEDERAL ROAD SAFETY COMMISSION PAYMENT SYSTEM". The main content area is titled "Periodic Income Analysis" and features a search interface with the following fields and options:

- Start Date: 2010/06/29
- End Date: 2010/06/29
- Chart Type:  Pie Chart,  Bar Chart
- Fetch button

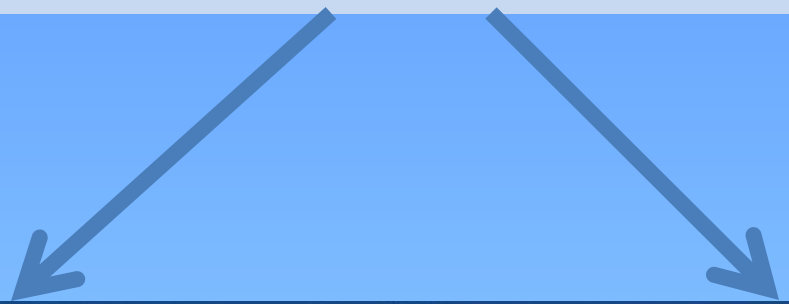
Below the search interface is a table with the following data:

Organisation	Amount	No. of Transactions
BANK PHB	144,800.00	47
UBN	689,000.00	248
FBN	1,095,200.00	391
UBA	1,330,200.00	502
UNITY BANK	47,200.00	22
Total	3,306,400.00	1,210

An "Export to Excel" button is located below the table.



# UPGRADE OF NATIONAL UNIFORM LICENSING SCHEME



**HIGHLY SECURED, NEW LOOK DRIVER'S LICENSE:  
ACCEPTED IN 5 EU COUNTRIES AND IN THE STATE OF  
MARYLAND (USA)**

**IMPROVED, RE-DESIGNED VEHICLE PLATE  
NUMBERING SYSTEM**



The NVIS is intended to automate all the processes involved in the production of Number Plates for...

- States
- MDAs
- Paramilitary
- Diplomatic Communities



It is also expected to encompass the processes involved in the allocation of these Number Plates to Registered Vehicles & capturing of relevant Vehicle details

The idea is to maintain a secured  
**Central Databank**  
of all vehicles in the country





**Ability to Verify authenticity of  
Number Plate via SMS or Web**

**Ability to report stolen Vehicles and Alert  
Officials whenever such vehicles are  
entered onto the system**



## THE PROBLEM

- Faking of NDL through parallel production
- Faked NDL issued to unqualified driver is identified as responsible for RTC
- System compromise due to poor integrity of past consultants
- Multiple NDL facilitate impersonation and fraud
- Non capturing of NDL data in FRSC database. Only 500,000 entries existed as at June '07
- Annual revenue loss grossing N15 billion is denied Government by NDL faking touting



## THE SOLUTION

- Clean up of NDL database and capturing of verifiable data hosting over 3million NDL records for online and realtime authentication, via the internet and subsequently by sms and phone
- FRSC would avail this platform to :-
  - Corporate Organizations like, banks trying to authenticate identity of a prospective customers (KYC)
  - Members of the public desirous in checking the authenticity of their NDL
  - Authorized Security Agencies trying to verify identity of individuals
- Pioneering a globally accessible web based photo identity verification solution
- On-going nationwide certification of driving schools to ensure that only trained drivers are licenced
- FRSC regularly verify the authenticity of national NDL for various agencies
- Initiation of process enhancement for total system overhaul in line with global best practices, being coordinated by PriceWaterHouseCoopers

# Offenders Point System



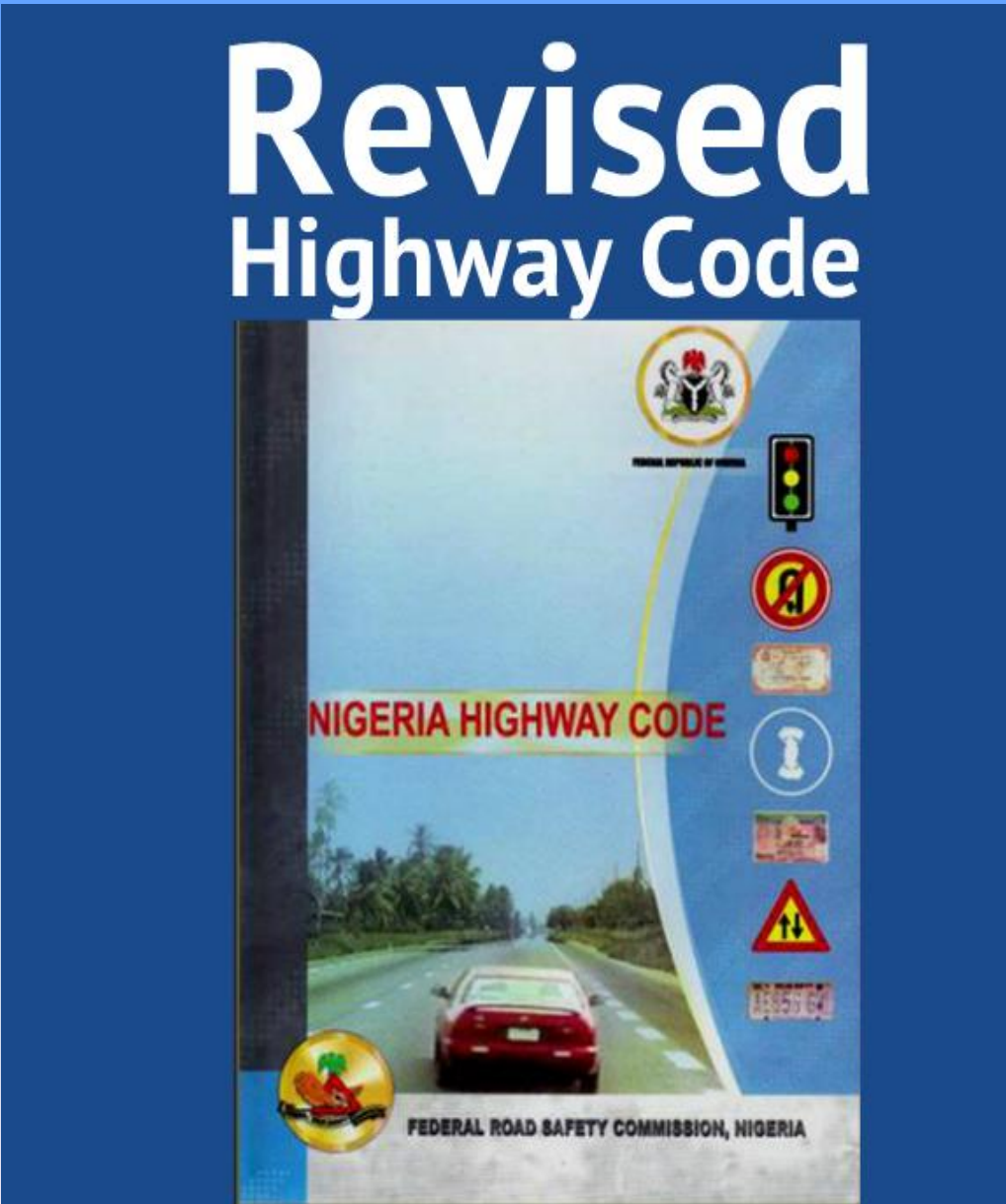
We operate an offenders penalty that is set and programmed in such a way that if an offender is issued a notice of offence ticket the following is configured to warn as follows:

- The offender is alerted if he/she is ticketed a total penalty point of 15 and issued a warning through sms. 
- The offender is alerted if he/she is ticketed a total penalty point of or above 21 and his drivers licence is revoked and he is expected to apply for another which will make him go through another driving school after he/she been checked by security authority. 





# Revised Highway Code





# ROAD TRANSPORT SAFETY STANDARDIZATION SCHEME (RTSSS)



Compulsory registration of vehicles in any transport organization operating more than 5 vehicles in its fleet.

Mandatory Establishment of Safety Managers

Continuous inspection and certification of fleet operators annually.





# DEPLOYMENT OF SOCIAL MEDIA FOR ROAD TRAFFIC CRASH MONITORING AND INTERVENTION



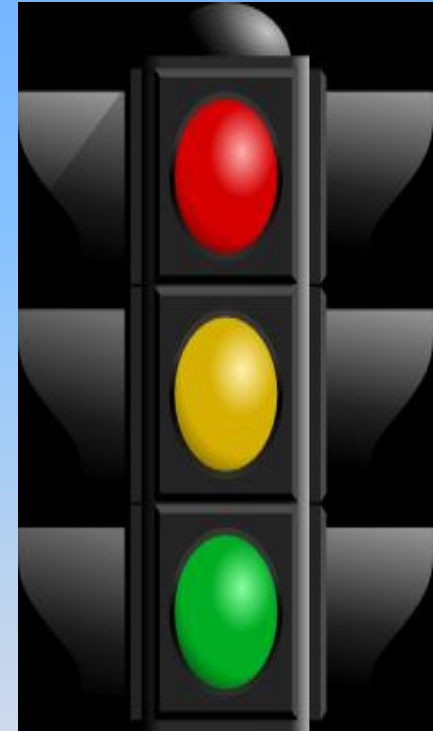
**FRSC FACEBOOK : 35,579**  
FOLLOWERS



**TWITTER : 52,358**



**YOUTUBE : 3,074**



***\*\*This innovation has made FRSC the Public Agency with the highest number of followers on Social Media in Nigeria.***



# CAPACITY BUILDING



➤ Secured United States Government grant for the training of Nigerian Drivers' Licensing Officials in USA.



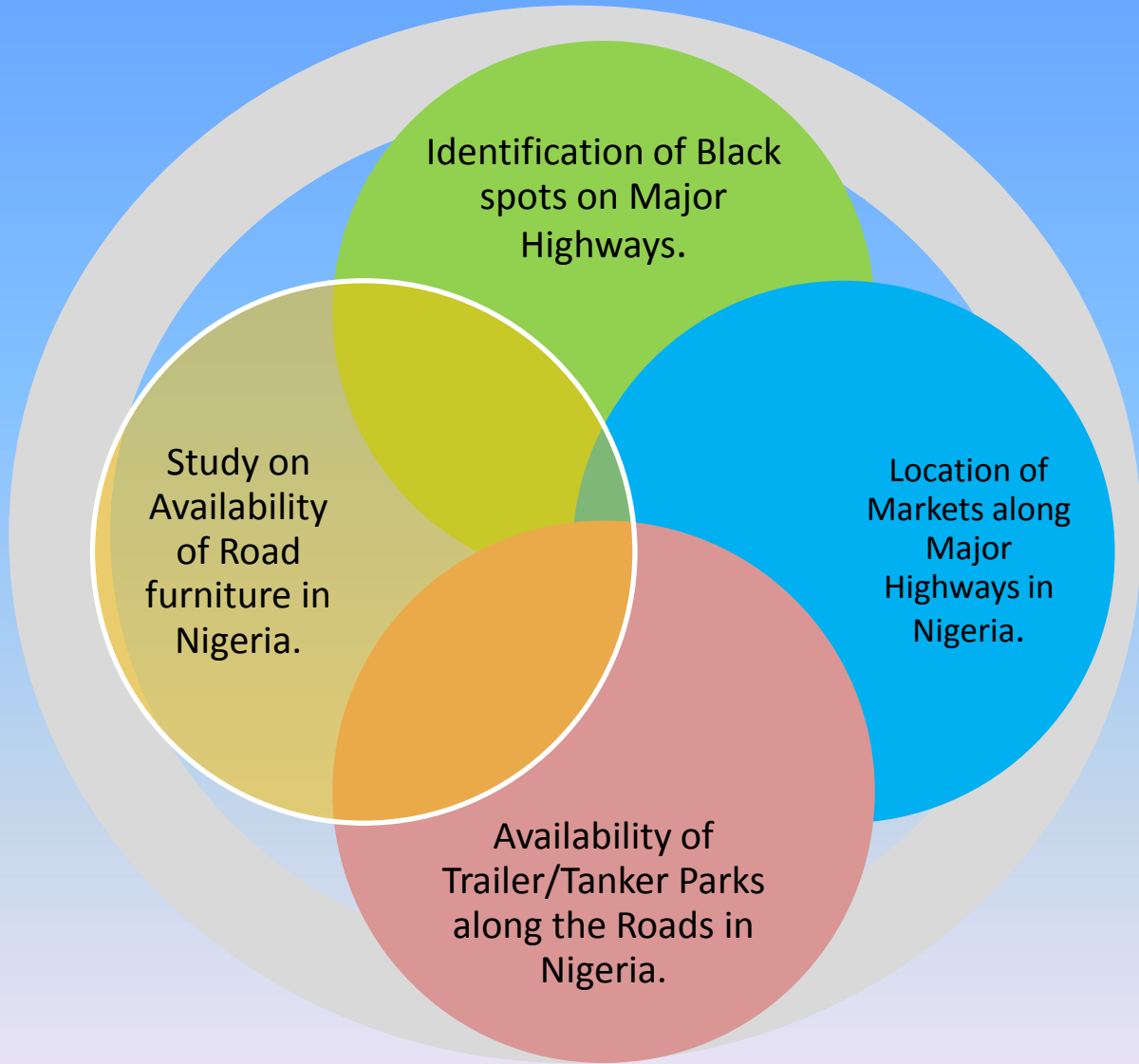
➤ Training of 40 FRSC Personnel at the APTH (Total Training Institute) in Le Creusot, France on Safe transportation of petroleum products on Nigerian roads.



➤ World Bank Sponsored Capacity Building coming up in January, 2014



# CRITICAL ROAD RESEARCHES UNDERTAKEN





# POST CRASH INITIATIVES



- ✓ 22 Emergency Ambulances services and 24 Road side Clinics across the country to enhance quick response to RTC .
- ✓ Establishment of Road side Clinics along critical corridors.
- ✓ Injection of additional four (4) High Capacity {70 tonnes} tow-trucks to remove major obstructions on the highway to prevent further road crashes.





# IMPLEMENTATION OF THE PILLARS OF UNITED NATIONS DECADE OF ACTION FOR ROAD SAFETY 2011-2020



PILLAR 1

PILLAR 2

PILLAR 3

PILLAR 4

PILLAR 5



# Pillar 1: Road Safety Management

- Establishment of Lead Agency
- Setting of National Road Safety Strategy
- ISO certification



## Pillar 2 : Infrastructure

- Road Design
- Road Audit
  - Road Impact Assessment
  - Compulsory investigation of RTC involving 6 deaths
  - RTC investigation



## Pillar 3: Safe Vehicles

- Implementation of Motor Vehicle Standards
- Implementation of New Car Assessment Programme
- Ensuring that vehicles are equipped with seatbelts & airbags



## Pillar 4: Road User Behaviour

- Sustaining Road Traffic Enforcement especially on speeding, drink driving, non use of motor cycle helmet, seat belts & child restraints
- Public education, rallies & advocacy
- Social marketing campaigns including the use of social media (facebook,youtube & twitter)

## Pillar 5 Post Crash Care



- Emergency Roadside Clinics
- Emergency Ambulance Service(Zebra)
- Paramedics & Trauma Management training





# FRSC REGIONAL ROAD SAFETY ACTIVITIES (WARSO)

- ✓ An active member of the 13 member nation West African Road Safety organization (WARSO)
- ✓ FRSC-Nigeria currently holds the post of the President in WARSO.
- ✓ Secretariat of WARSO is currently hosted in FRSC-Nigeria.
- ✓ Providing Technical and Support to other members of the WARSO group. For instance, the President of Nigeria has approved the release of 3 Road Safety Experts from FRSC to support the Sierra-Leone Road Safety Agency.



15 Member Countries of WARSO



Our activities are carried out  
**through the:**



Approximately  
18,000  
Personnel



# Regular Marshals



## Special Marshals

Over 15,000 volunteer group forming the Special Marshal outfit



## Road Safety Clubs

Over 10,000 volunteer group drawn from Primary & Secondary schools as well as members of National Youth Service Corps



# Recognitions



# Prince Michael of Kent International Award on Road Safety



# World Bank recognition as best example of lead agency in Africa





# ISO 9001 QMS certification



# Where we want to be





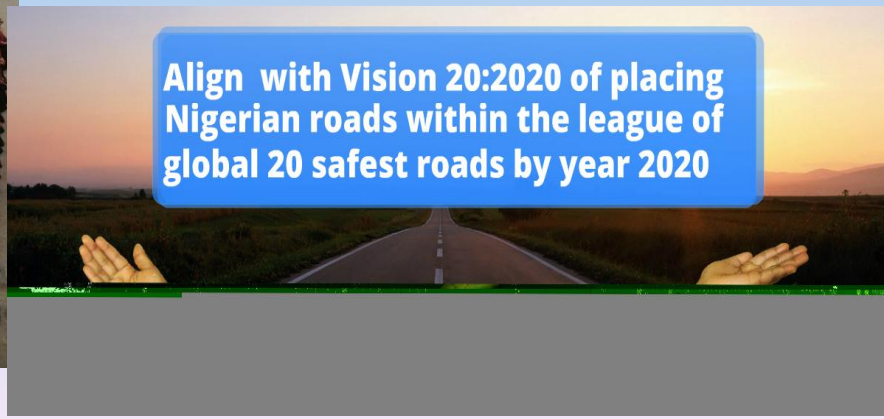
# Meet the Accra Declaration of reducing RTC fatality by 50% by year 2015



**Implement the goals of the  
United Nations' Decade of Action  
for Road Safety (2011 – 2020)**



**Transform FRSC into  
a world class organisation**

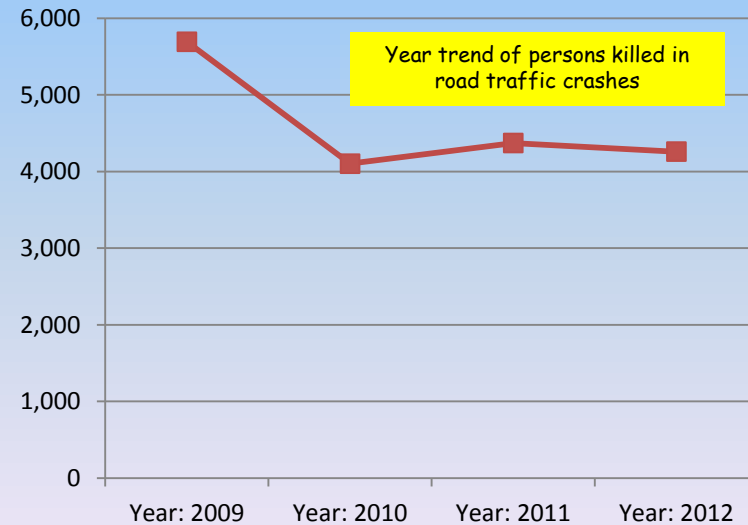
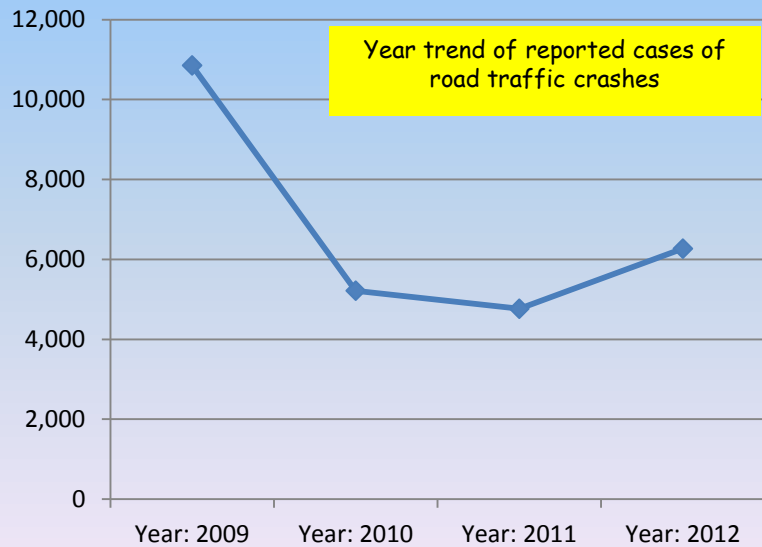
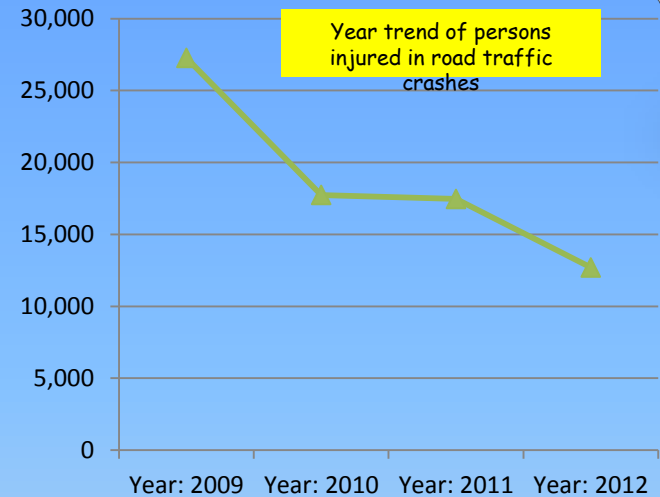


**Align with Vision 20:2020 of placing  
Nigerian roads within the league of  
global 20 safest roads by year 2020**



# BOTTOM-LINE: RTC Trending down

RTC INDICATORS	Year: 2009	Year: 2010	Year: 2011	Year: 2012
crash cases reported	10,854	5,217	4,765	6,269
persons killed in crash	5,693	4,102	4,372	4,260
persons injured in crashes	27,270	17,744	17,464	12,701



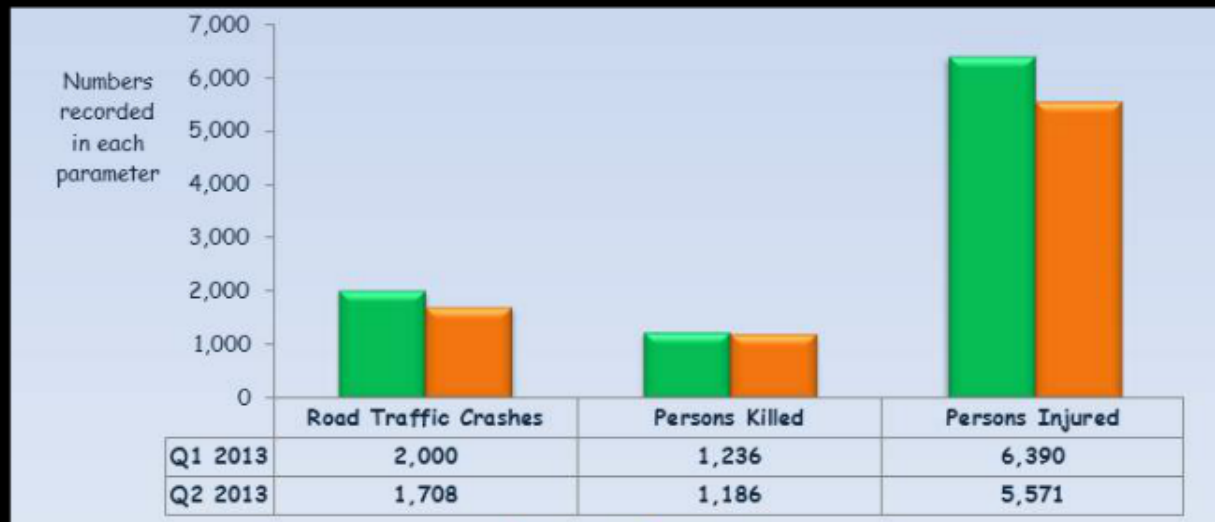


# The Bottom line

## RTC trending Down (II)

RTC parameter between Q1 & Q2 2013

RTC reduce by 14.6% & fatality by 4.04%





# **FRSC, Nigeria:**

**The First and Only ISO 9001 QMS Certified  
Law Enforcement Agency in Africa**



# Merci Beaucoup!



# Thank You



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**[www.frsc.gov.ng](http://www.frsc.gov.ng)**