



## *The Lead Agency Concept: Federal Road Safety Corps, Nigeria as a good example*

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Federal Road Safety Corps, Nigeria

To  
West Africa Road Safety Organisation (WARSO)  
needing at Freetown , Sierra Leone

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# Objective

Introduction



The Lead Agency Concept



The Federal Road Safety Corps Nigeria  
experience in implementing the Lead  
Agency Concept



FRSC's Set Targets and Achievements



Conclusions and Recommendations



# Introduction

## Location of Nigeria in the Globe

POP: 181.6m (2015 est.) with 90% of transportation by road





# Introduction II



## Global Overview Of Road Transportation In Nigeria

- Land mass: 923,768 km<sup>2</sup>
- Road Network: 204,394 km
- Largest road network in West Africa and second largest south of the Sahara
- 3,500 kilometres of rail network
- 8,600 kilometres of inland waterways
- 22 Airports





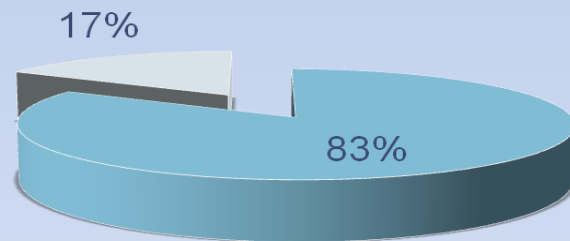
# Introduction III

## The Nigerian Road Infrastructure

Length of roads in Nigeria

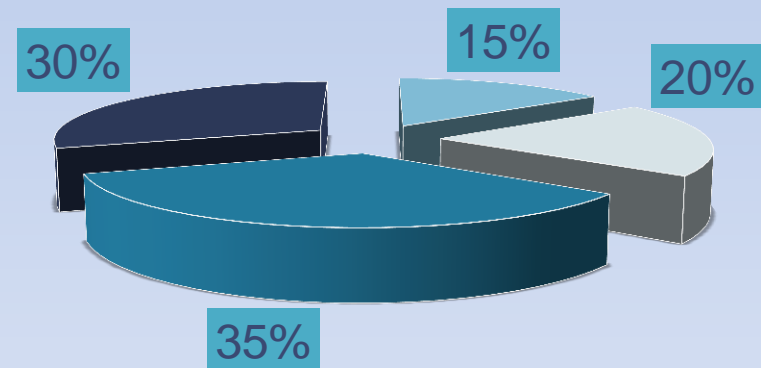
Federal roads	34,120km (are mostly inter-state roads with high traffic density)
State Roads	34,300km
Local Government Roads	About 129,580km
Total Road Networks	204,394km

Total Road Network in Nigeria



■ State & Local Government Roads  
■ Federal Roads

Road Condition in Nigeria



■ Very Good State ■ Good State  
■ Bad State ■ Poor State



# Introduction IV

## The Concept of a Lead Agency in Road Traffic Safety

- Lead Agency on road safety is a requirement for all countries especially in the developing economies
- Notable characteristics the agency need are the authority and responsibility to:
  - Make decisions
  - Control resources
  - Coordinate efforts by all sectors of Government which include those of Health , Education and Transport Sectors
- The Lead Agency should also have adequate finances to use for road safety and should be publicly accountable for its action



## International Guidelines for a Lead Agency **World Bank Guidelines on Road Safety**

- Highly complex and multi-sectoral
- Strong leadership required to organize effective result oriented focus
- In good practice countries, this role is played by a Lead Governmental Agency



**The World Bank**



## International Recommendations

# Snapshot from the World Bank SSATP Case Study of FRSC, Nigeria

Road Safety Program  
Phase 1



## Summary: Good practices from FRSC

- A dedicated implementing agency
- Considerable human resources, earmarked budget
- Major functions within all 'Five Pillars of road safety'
- Corporate memory
- Collects and analyzes data
- Utilizes data for planning and performance monitoring
- Applies new technology to enhance performance
- Transparent evaluations to identify weaknesses
- High priority to 'Pillar No.5 - Emergency services'
- Is taking responsibility for development of the road safety sector, nationally and regionally
- **Political support / flair / courage**

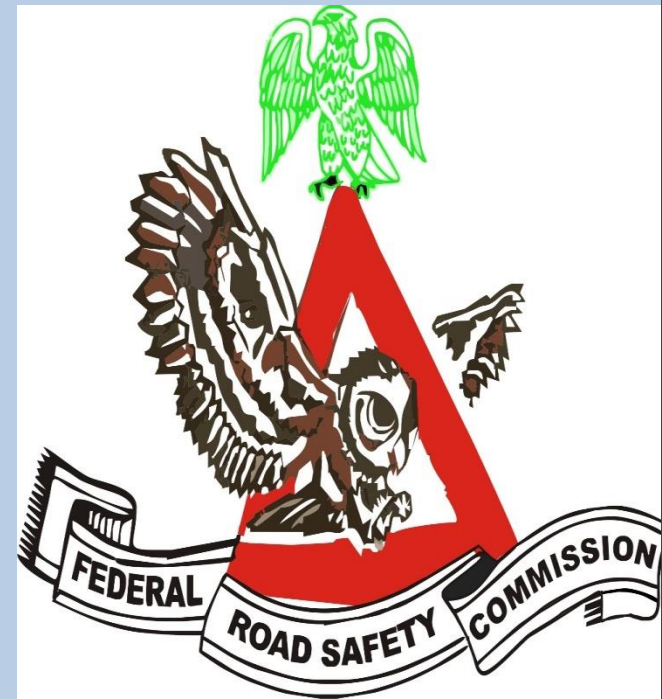


## Lead Agency Case Study - FRSC Purposely established by the Nigerian Parliament as a Lead Agency



The Federal Road Safety Commission (FRSC) which was established in 1988 by Decree No. 45 and amended by Decree No. 35 of 1992 is Nigeria's lead agency for road safety management and traffic administration

The latest amendment to the FRSC enabling law is the promulgation of the FRSC (Establishment) Act, 2007 which repealed the FRSC Act CAP F19, 2004.

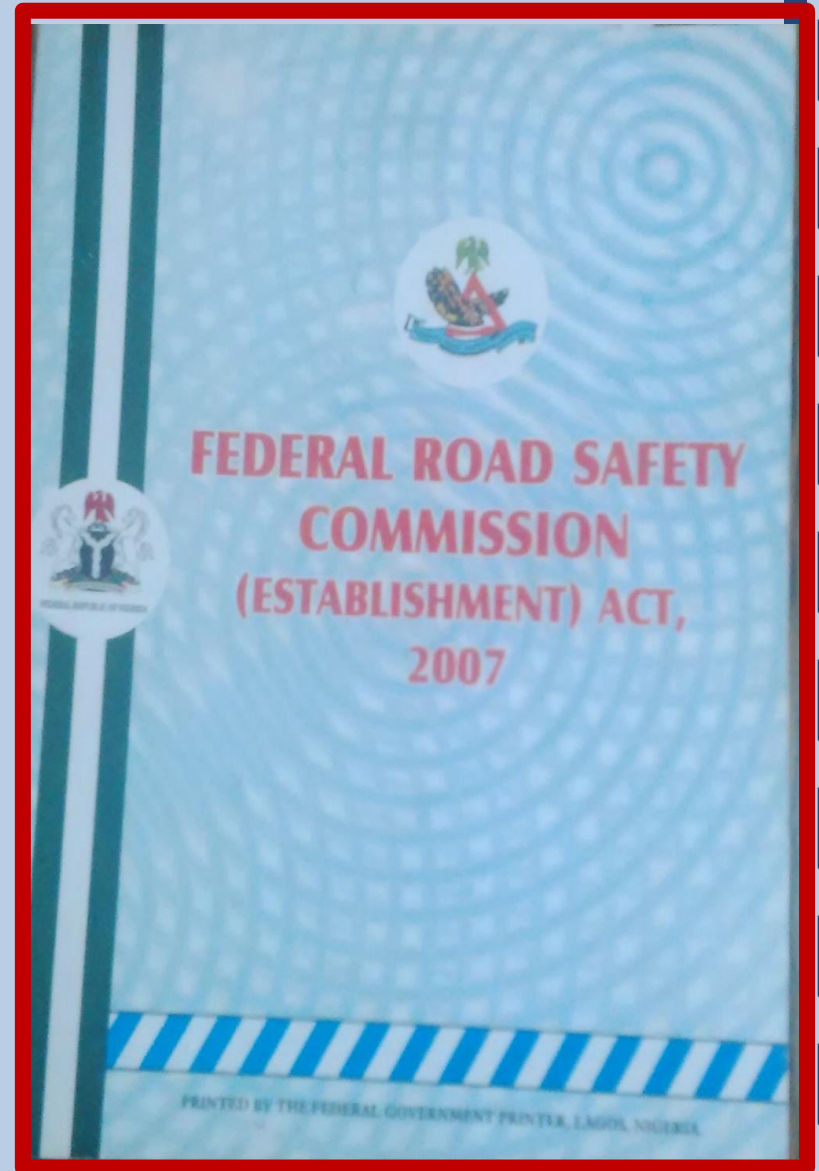




Lead Agency Case Study - FRSC Purposely established by the Nigerian Parliament as a Lead Agency with critical mandate



The FRSC's critical mandate is **Road Crash Prevention and Making Roads Safe**





# Lead Agency Case Study - FRSC redefined self for enhanced performance with a Vision and Mission statement that emphasizes her as a Lead Agency in Nigeria



## VISION

**To eradicate road traffic  
crashes and create safe  
motoring environment  
in Nigeria**

## MISSION

**Regulate, Enforce & Coordinate all  
Road Traffic & Safety Management  
through**



**Sustained  
Public  
Enlightenment**

**Effective  
Patrol  
Operation**

**Promotion of  
Stake holder  
Cooperation**

**Prompt  
Rescue  
Service**

**Robust Data  
Management**

**Improved  
Vehicle  
Administration**

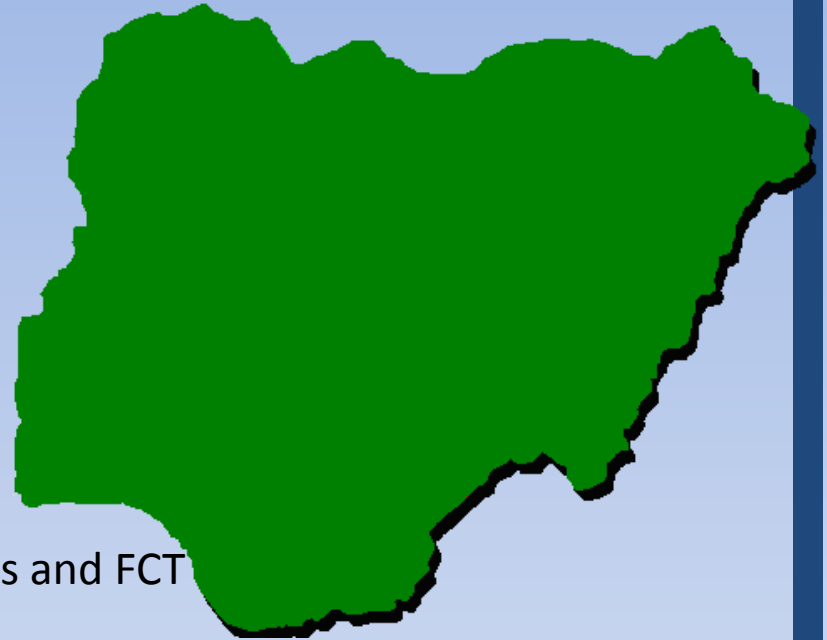


## Lead Agency Case Study **Federal Road Safety Corps, Nigeria**



As a consciously dedicated Lead Agency, the Federal Road Safety Corps of Nigeria

- FRSC has its National Headquarters in Abuja
- 12 Zonal Commands
- 37 sector commands at all the states and FCT
- 206 Unit Commands
- 27 Road Side Clinics
- 26 Emergency Ambulances points
- 200 Drivers License Centres
- 3 Number Plate production Plants
- A Driver's License Production Print Farm
- FRSC Academy
- FRSC Training School

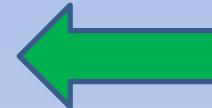




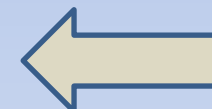
# Lead Agency Case Study - Dedicated Staffing that reports directly to the Presidency



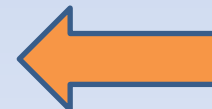
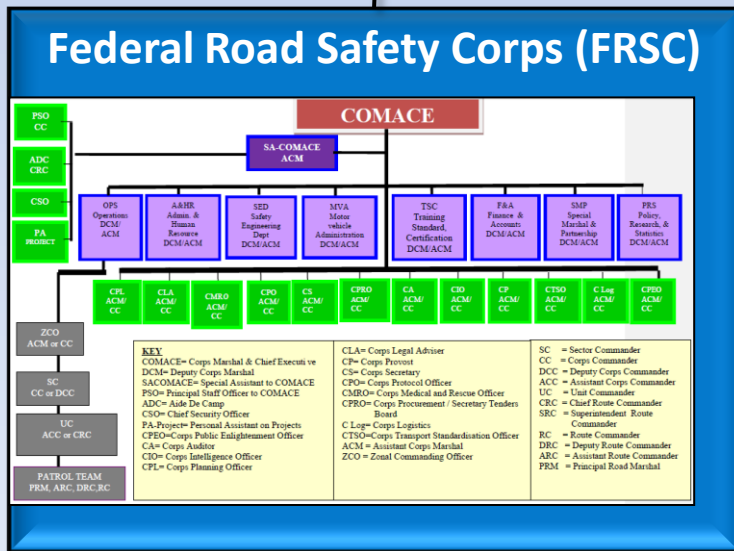
## A Dedicated Corps directly under the Presidency



**Mr.  
President  
appoints  
CM &  
supervises  
by SGF**



**Board  
function**



**FRSC MGT**



## Lead Agency Case Study

# Federal Road Safety Corps, Nigeria delivers services through

- Regular Marshals
- Special Marshals and
- Road Safety Clubs

### Regular Marshals

- Uniformed
- Remunerated
- Police power for traffic enforcement

**REGULAR  
MARSHALS**



### Special Marshals

- Non-uniformed
- Volunteers
- Police power for traffic enforcement

**SPECIAL  
MARSHALS**

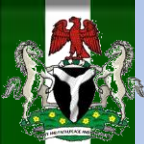


### Road Safety clubs

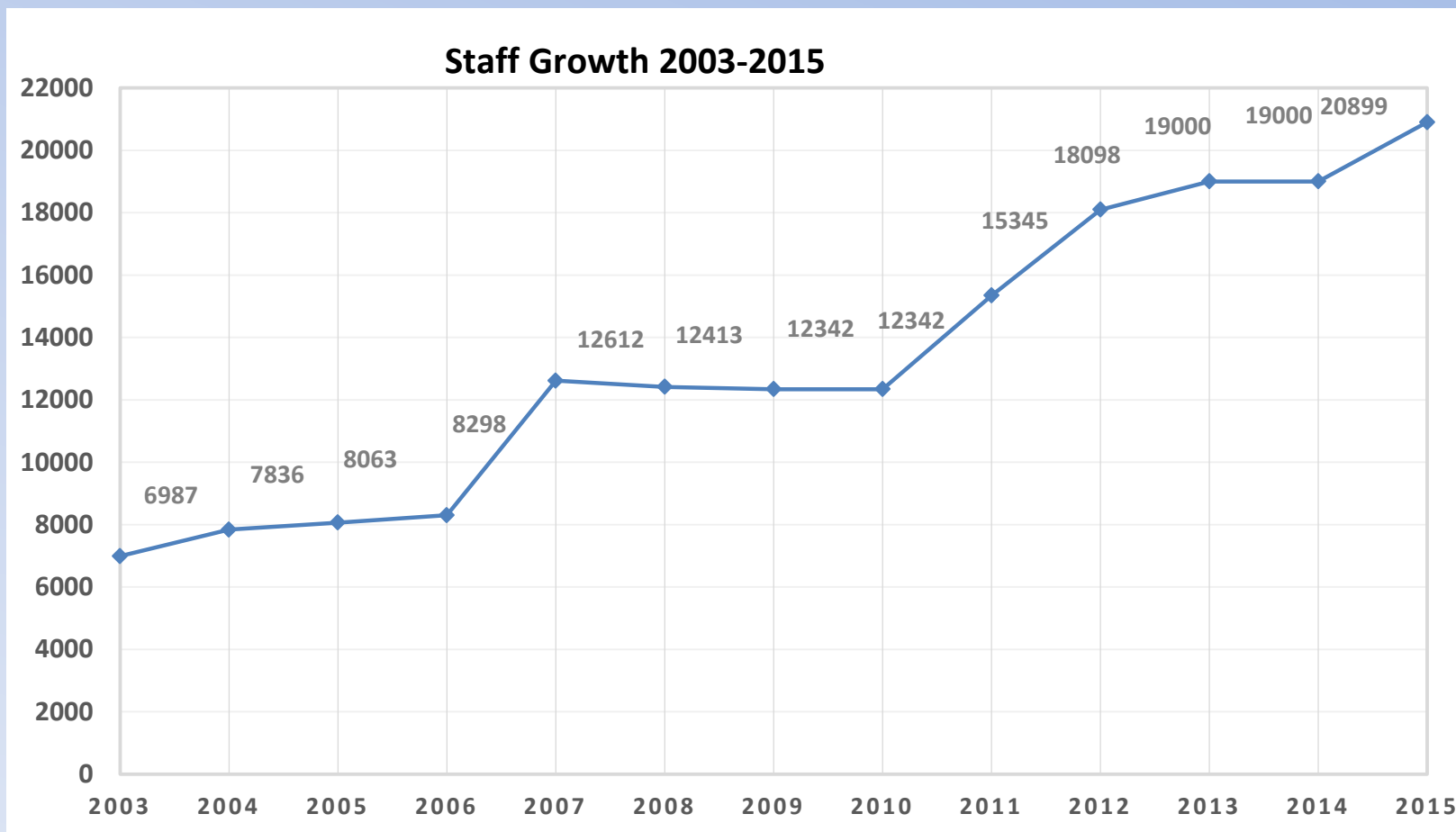
- Non-uniformed
- Volunteers
- No police power - Promote road safety through PE

**ROAD  
SAFETY  
CLUBS**





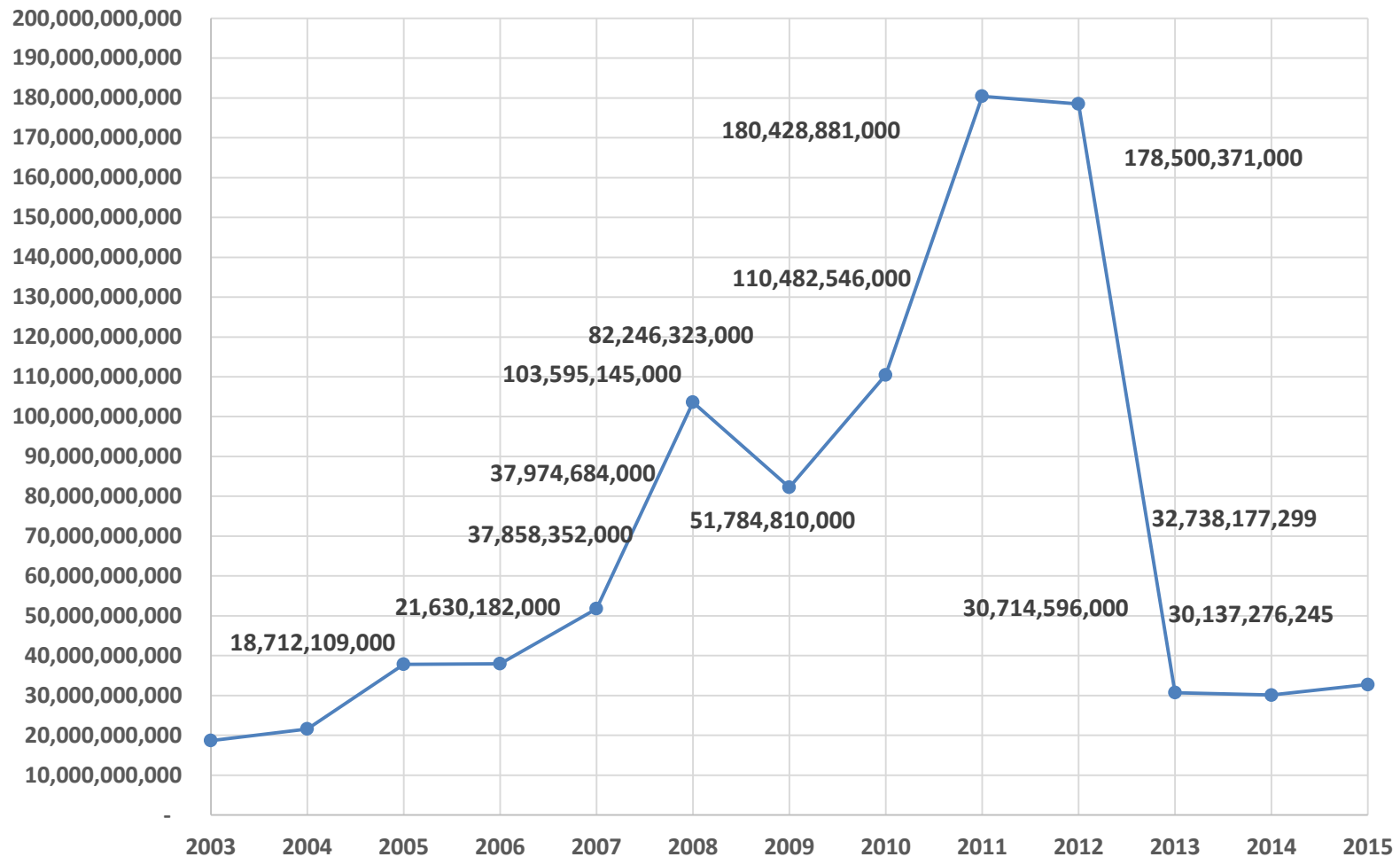
## Human Resources (excl. Special Marshals)





## Budget

### Budgetary Allocation( 2003 -2015)





## Lead Agency Case Study - Dedicated Staffing & Annual Appropriation have impacted on corporate performance



FG investments on the Corps impacts on national spread and performance

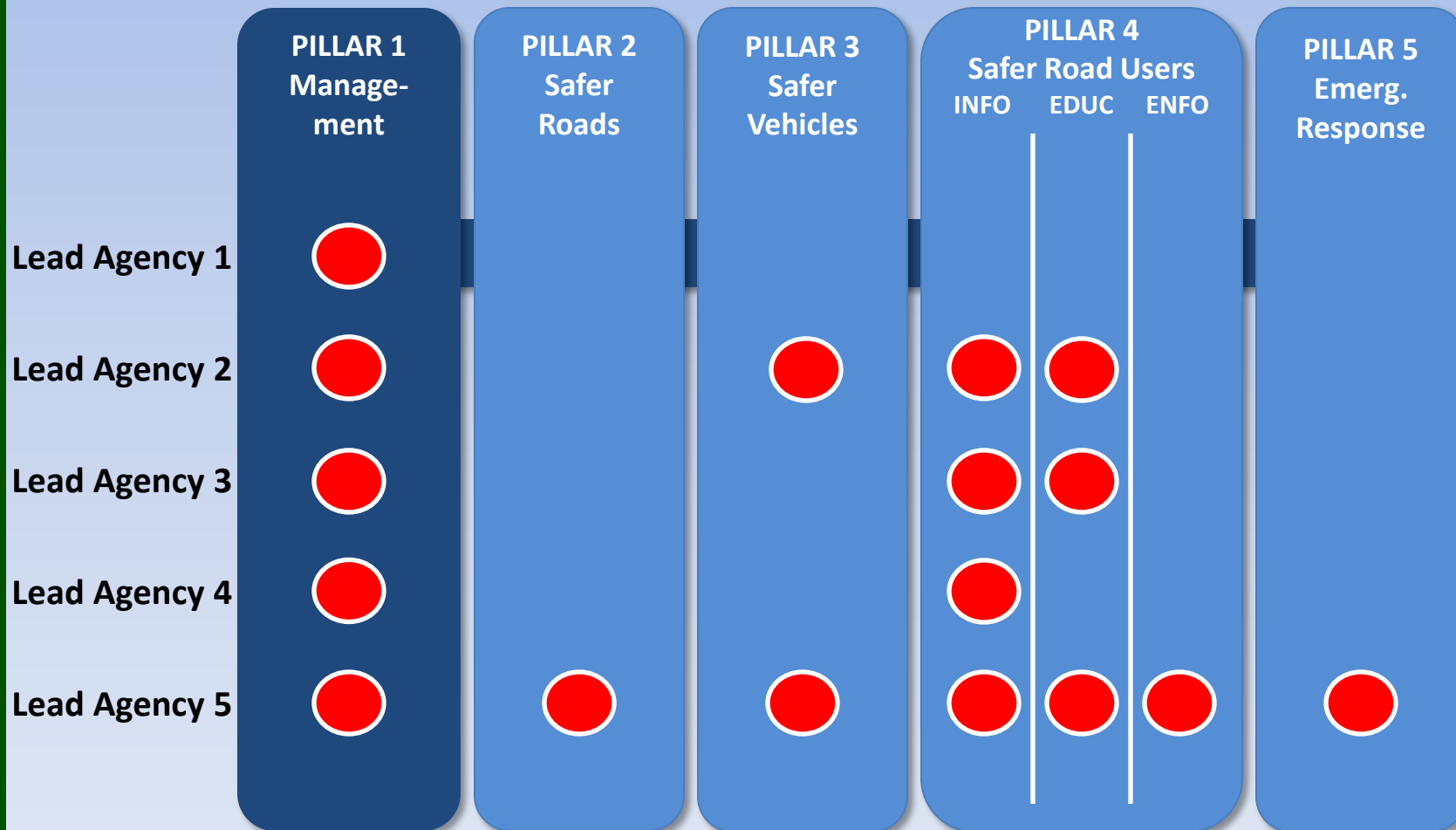


Year	No. of Cmds	Manpower	Patrol Vehicle	Patrol Bikes	Tow Trucks	Total Fatality	Total RTC	Fatality Reduction Target	RTC reduction Target	Fatality reduction Attained	RTC Reduction Attained
2011	121	12,342	635	297	28	6,054	13,196	-20.00	-30.00	0.03	15.9
2012	175	15,354	473	275	18	6,092	13,262	-20.00	-30.00	0.05	0.6
2013	182	18,098	467	285	21	6,523	13,583	-25.00	-15.00	7.42	2.4
2014	201	18,852	484	293	22	5,991	10,380	-30.00	-20.00	- 8.37	- 23.6
2015	205	20899	482	293	23	5,044	9,734	-30.00	-20.00	- 9.27	- 6.22



## Lead Agency Case Study

# FRSC Nigeria demonstrates strong presence in each of the UN Decade of Actions Pillars in Lead Agencies practice

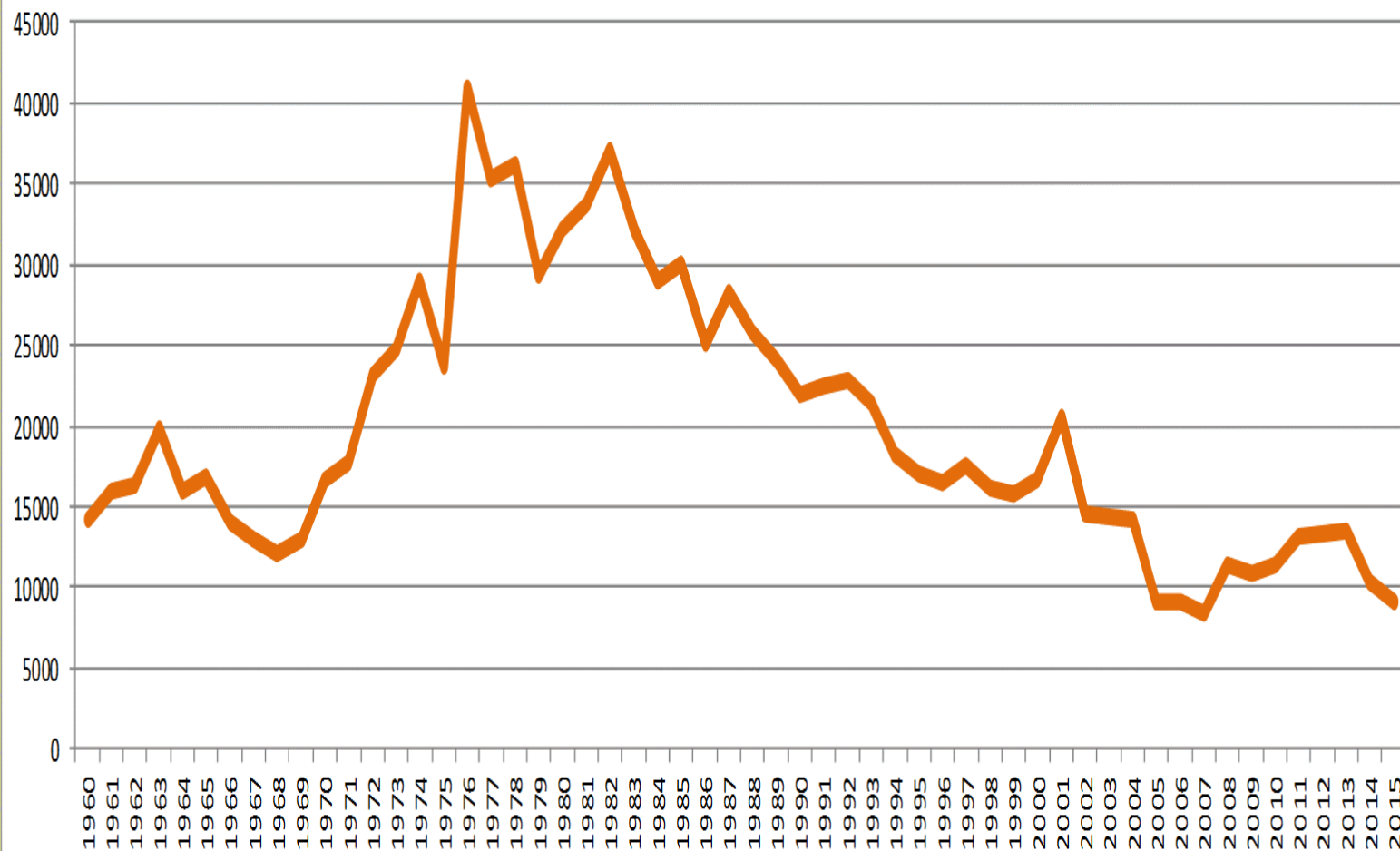


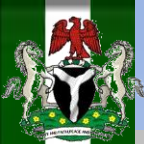


# Lead Agency Case Study - Corporate Memory underpins need to maintain downward trending down of RTC



LINE GRAPH OF TOTAL RTC CASES FROM 1960-2015



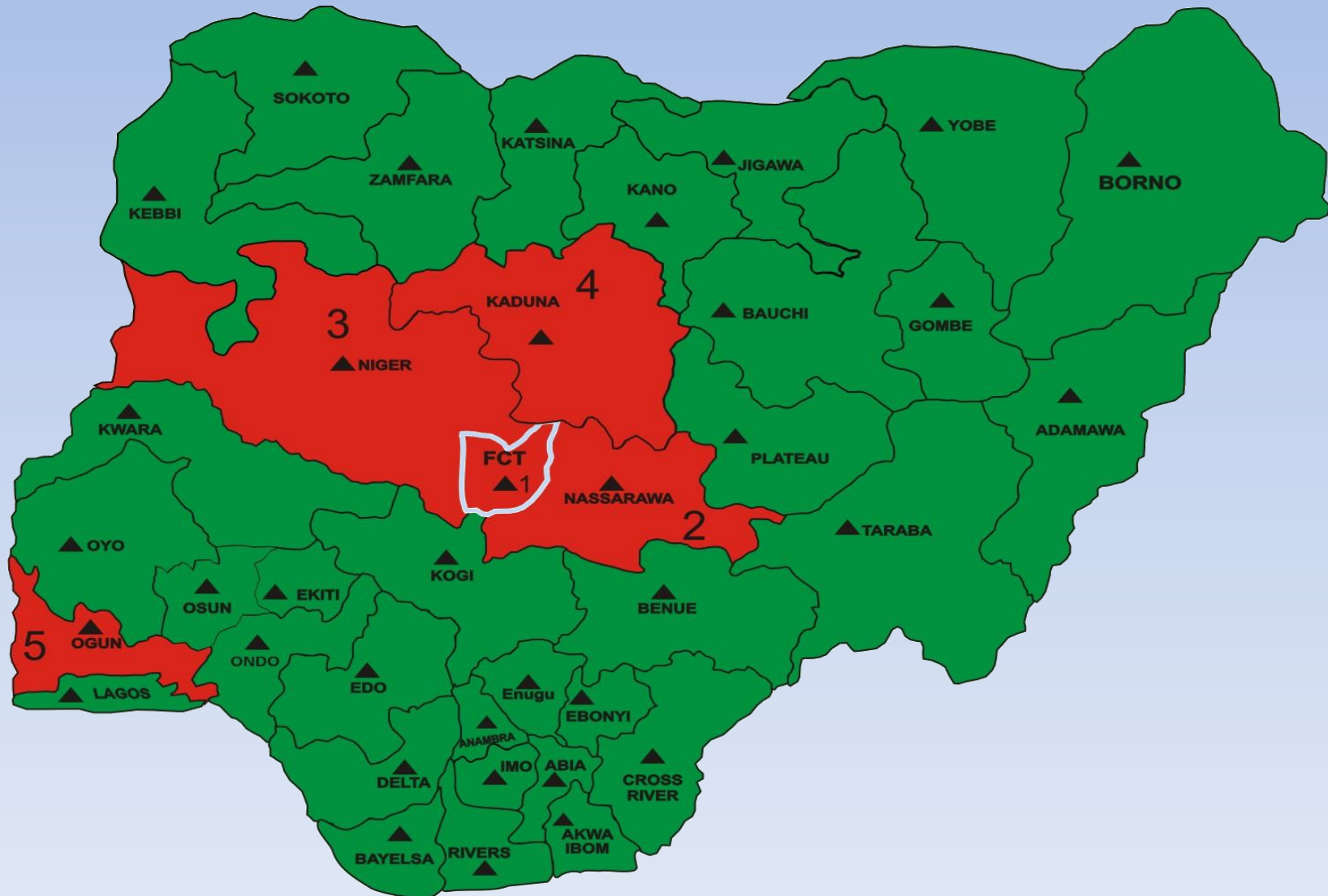


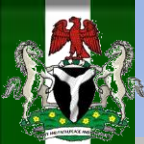
# Lead Agency Case Study - Diligent Analyses of data enhances evidence based decision supports



Map of States requiring focus in RTC, Fatality and Injuries

## Top 5 RTC Ranking States in Nigeria



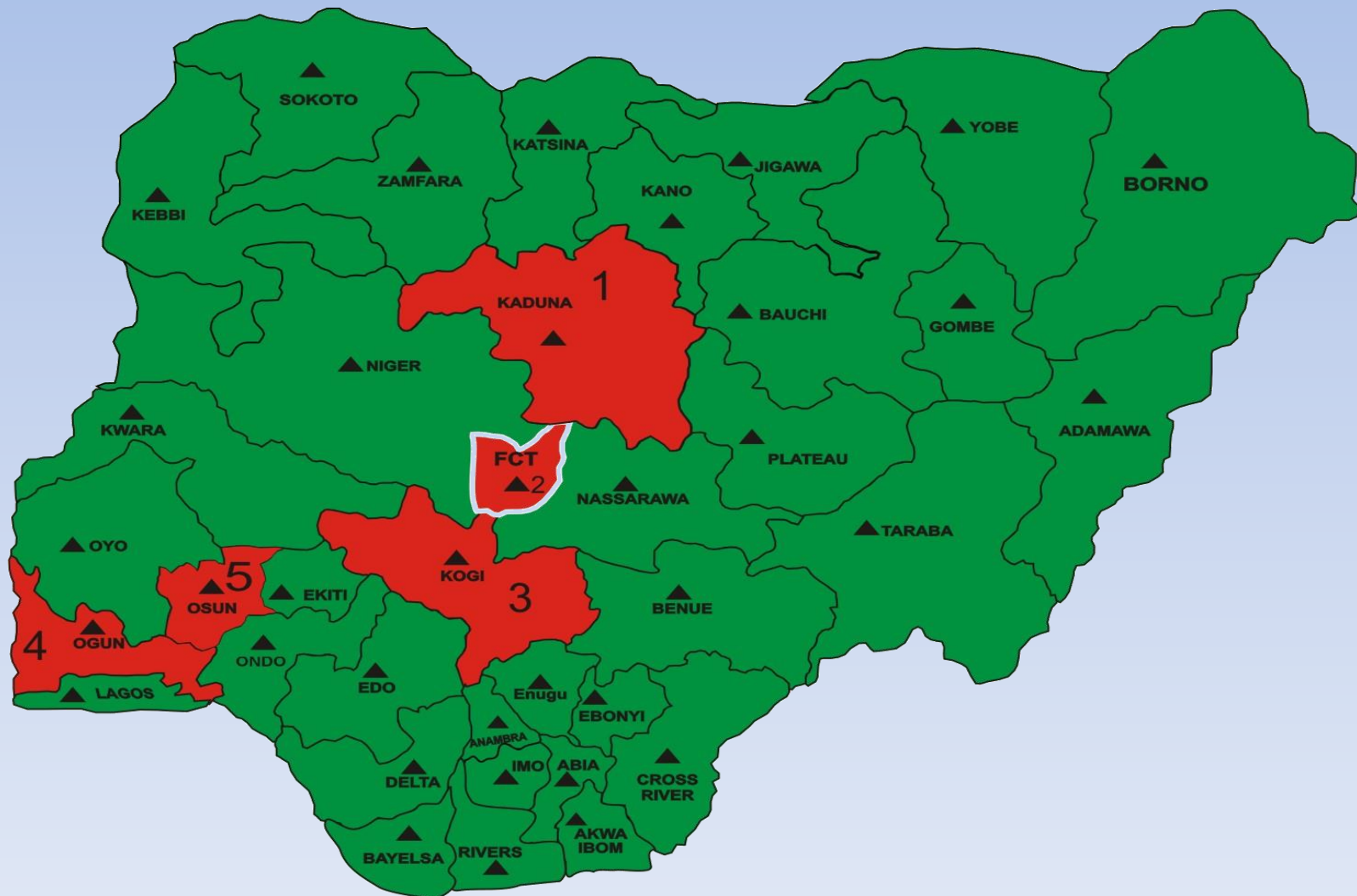


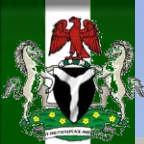
# Lead Agency Case Study - Diligent Analyses of data enhances evidence based decision supports II



Map of States requiring focus in RTC, Fatality and Injuries

## Top 5 Fatality Ranking States in Nigeria



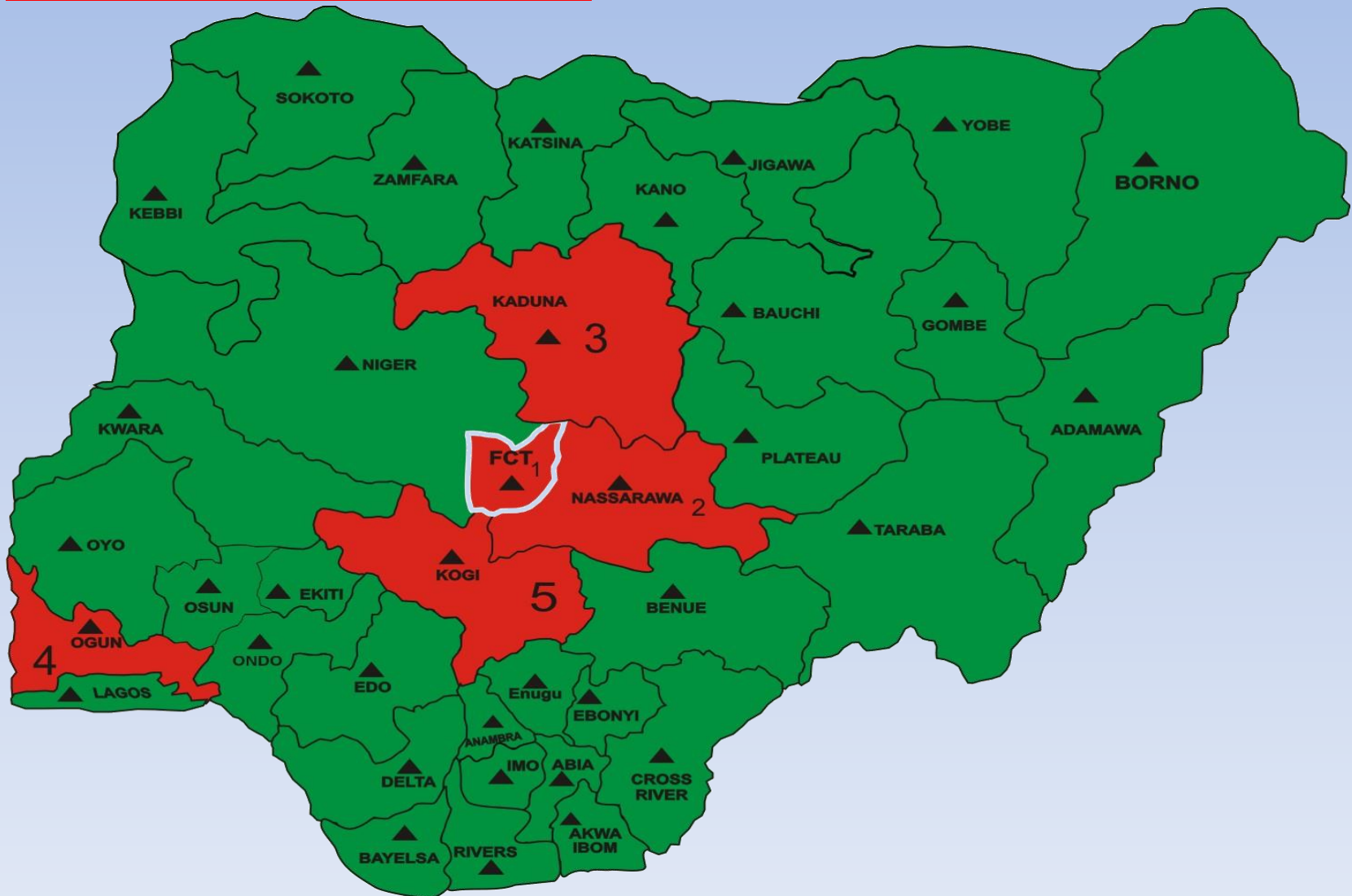


# Lead Agency Case Study - Diligent Analyses of data enhances evidence based decision supports III



Map of States requiring focus in RTC, Fatality and Injuries

## Top 5 Injury Ranking States



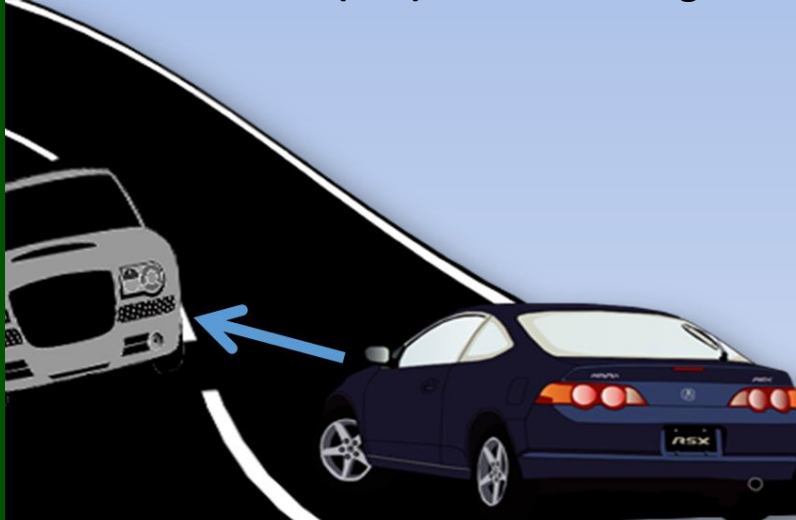


## Lead Agency Case Study - Diligent Analyses of data enhances evidence based decision supports IV

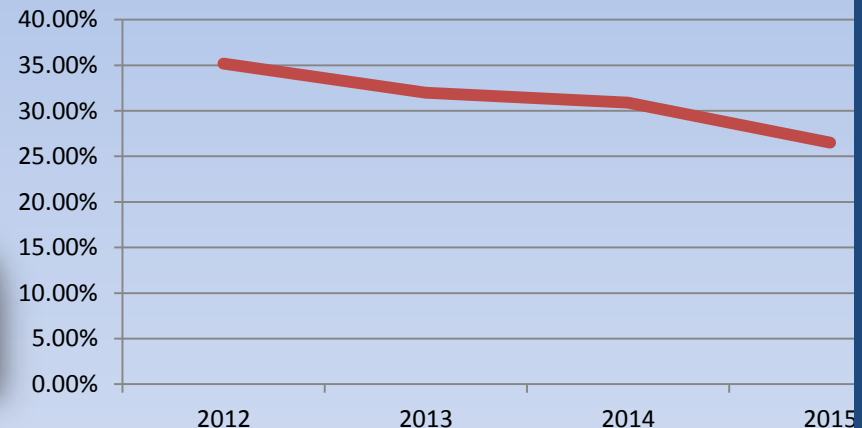


Knowledge of Road Traffic Crashes informed need to introduce Speed Limiting  
Devise Policy nationwide

Speed related crashes have been trending down from 2012-2015. unfortunately, crashes linked to Loss of Control (LoC) has been rising from 17.5% in 2012 to 22.9% in 2015



**TREND OF SPEED VIOLATION AS A PROBOABLE CAUSES OF RTC: 2012-2015**



YEAR/MOST PROBABLE CAUSE OF RTC	2012	2013	2014	2015
SPEED VIOLATION	35.2%	32.0%	30.9%	26.5%
LOSS OF CONTROL	17.5%	17.1%	20.8%	22.9%
DANGEROUS DRIVING	16.2%	12.1%	11.0%	9.4%



# 24 Web Applications drive FRSC

## Technological processes

- This has transformed FRSC into a technology driven organisation that uses technology to enhance operational activities aimed at promoting public safety and security





## e-APPLICATIONS OF FRSC



S/N o.	NAME OF E-APPLICATION	DESCRIPTION
1	DSSP	The Driving School Standardization Programme (DSSP) is a web based application designed to ensure uniform Standards for Driving Schools in Nigeria.
2	RTSSS	Road Transport Safety Standardization System is a web application designed to bring professionalism into the industry, promote and develop rapid safe, efficient and convenient fleet transportation system in the country.
3	NVIS	The National Vehicle Identification System web application is designed to automate the processes involved in the Number Plate Production and Vehicle Registration.
4	OFFENDERS REGISTER SYSTEM (E-TICKETING)	The Offenders register System is a combination of both web based application and windows application designed to capture offenders' data. It is an electronic way of booking traffic offenders.
5	DRIMS	The Duty Room Information Management System is a web based application designed to capture the duty room activities to promote productivity, efficiency and effectiveness.
6	VEHICLE SAFETY CHECK SYSTEM	The Vehicle Safety Checks System is both web based and window vehicle Safety application designed to automate the processes involved in the free Cheek System productivity, efficiency and effectiveness. Vehicle safety checks that Officers on the field carryout on vehicles. It is an electronic way of free vehicle safety checks.
7	IVP	The Information verification portal is online verification of Driver's License and Plate Number details.
8	RTCIS	The Road Traffic Crash Information System is both web based and windows application designed to make the process of capturing detailed data of road traffic crash more efficient, effective and user friendly.
9	E-APER	The Annual Performance evaluation Reports System is a web based application designed to automate the processes involved in the Annual Performance Evaluation

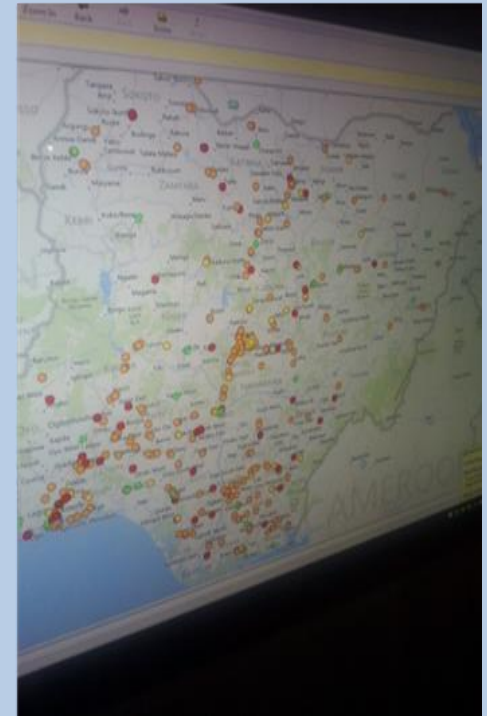


## e-APPLICATIONS OF FRSC....ii

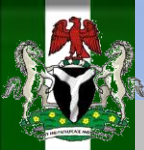
S/No.	NAME OF E-APPLICATION	DESCRIPTION
11	SAP	Systems Application Products (SAP) is an Enterprise Resources Programme used in managing Human Resources , Financial Account and Business Intelligence .
12	E-LIBRARY	This application is designed to promote Staff personal development and access to unlimited textbooks online.
13	INTRANET	The FRSC Intranet is a portal designed for internal use by the Corps. It houses three applications namely: The Intranet, Dashboard and Strategy Monitoring Tools.
14	FMT	A web based application that allows easy management of mails and files.
15	MS-EXCHANGE	Application which manages the corps corporate email facilities to enhanced communications among staff.
16	CRM	Is a customer relationship management application which manages the corps call agents interaction with customers by tracking and storing conversations in databases.
17	SHARE-POINT	Intranet and web application platform for content management and document management within the Corps.
18	SMP	Special Marshal and Partnership Portal is designed to create feasible synergy between the Corps and stakeholders towards attaining Safer Roads, Fuller Lives in Nigeria.
19	FRSC INSIGHT	A portal created for monthly virtual newsletter to communicate the Corps and the entire public.
20	VEHICLE TRACKING SYSTEM	The portal is designed to track FRSC patrol and other official vehicles for records on speed, mileage and status. The report generated is real-time and can be accessed online.



## Vehicle Tracking System



**The FRSC vehicle tracking monitoring system is used to ensure better vehicle administration of the Corps' fleet of operational and rescue vehicles**

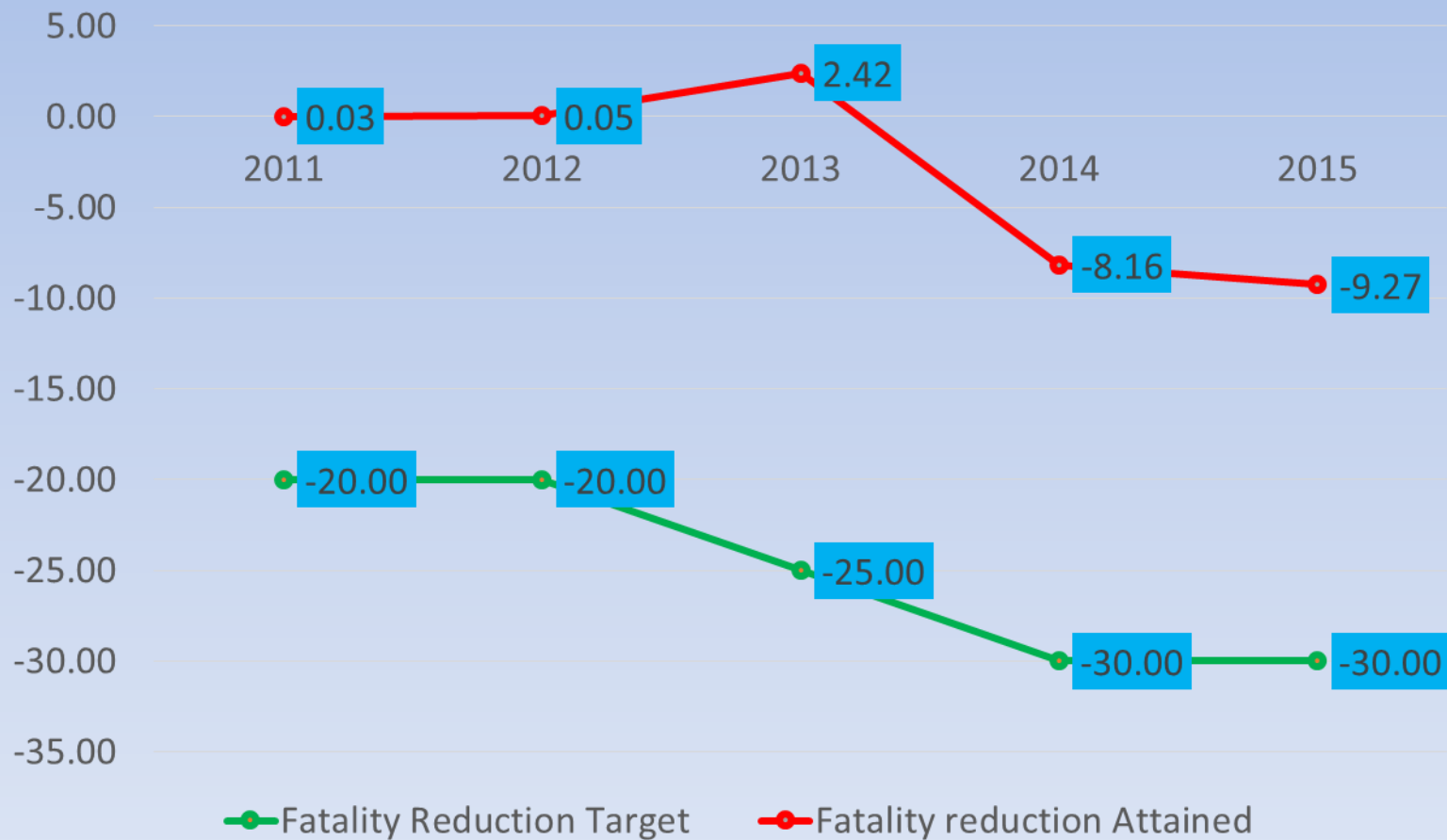


## Lead Agency Case Study - Transparent Evaluation to identify weaknesses



Year on Year targets are set and measurements on attainment guides subsequent target settings (2011 -2015)

Trend of Fatality Reduction Targets and Fatalities Attained:  
2011-2015





## Lead Agency Case Study - Transparent Evaluation to identify weaknesses II



Year on Year targets are set and measurements on attainment guides subsequent target settings (2011 -2015) II

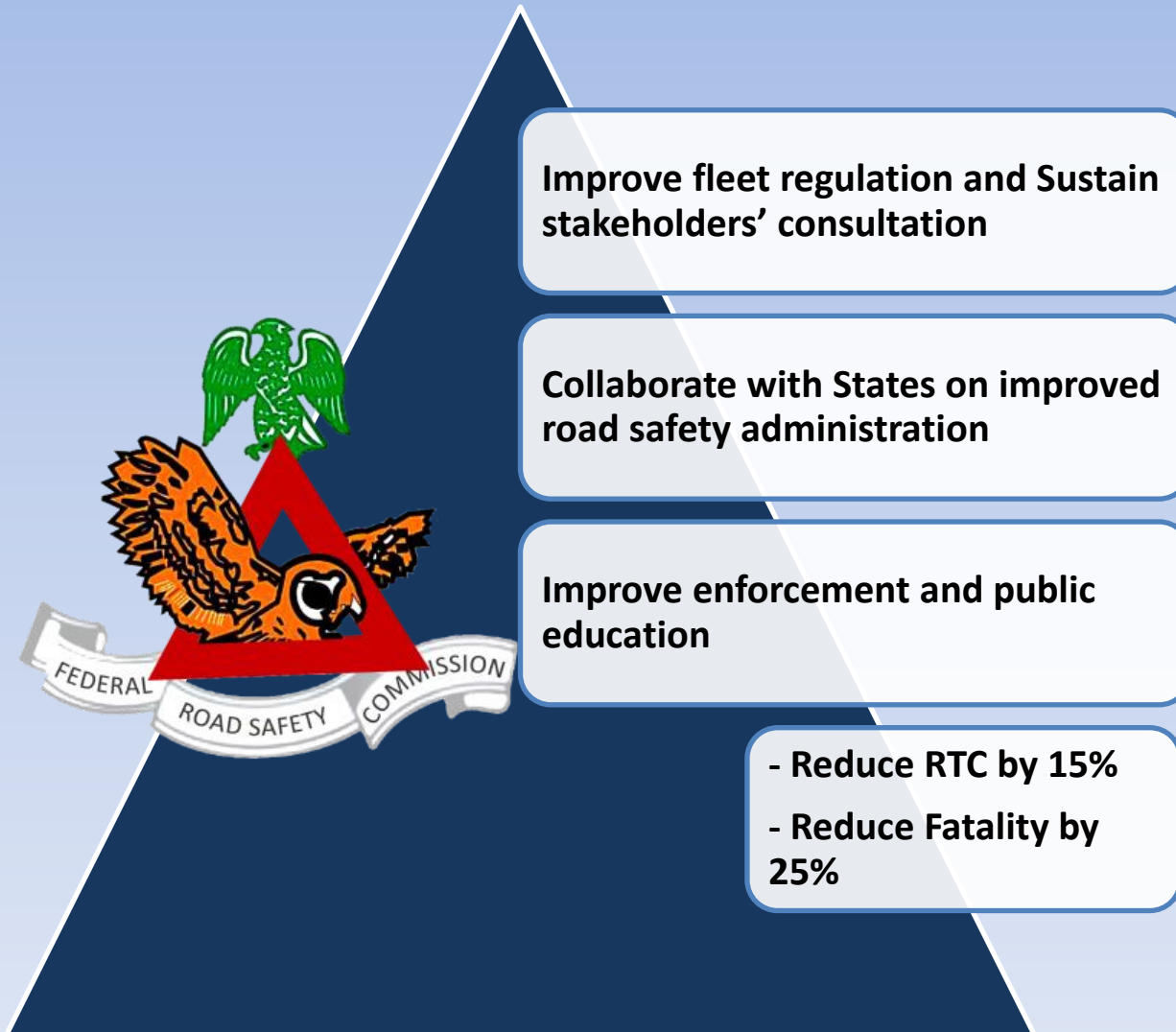
Trend of RTC Reduction Targets and RTCs Attained: 2011-2015





## Lead Agency Case Study - Set Targets

### FRSC's Strategic Goals For 2016





# Lead Agency Case Study - High Priority to the UN Decade of Action for Road Safety: Pillar Five



Post Crash Care





## Lead Agency Case Study - High Priority to the UN Decade of Action for Road Safety: Pillar Five II



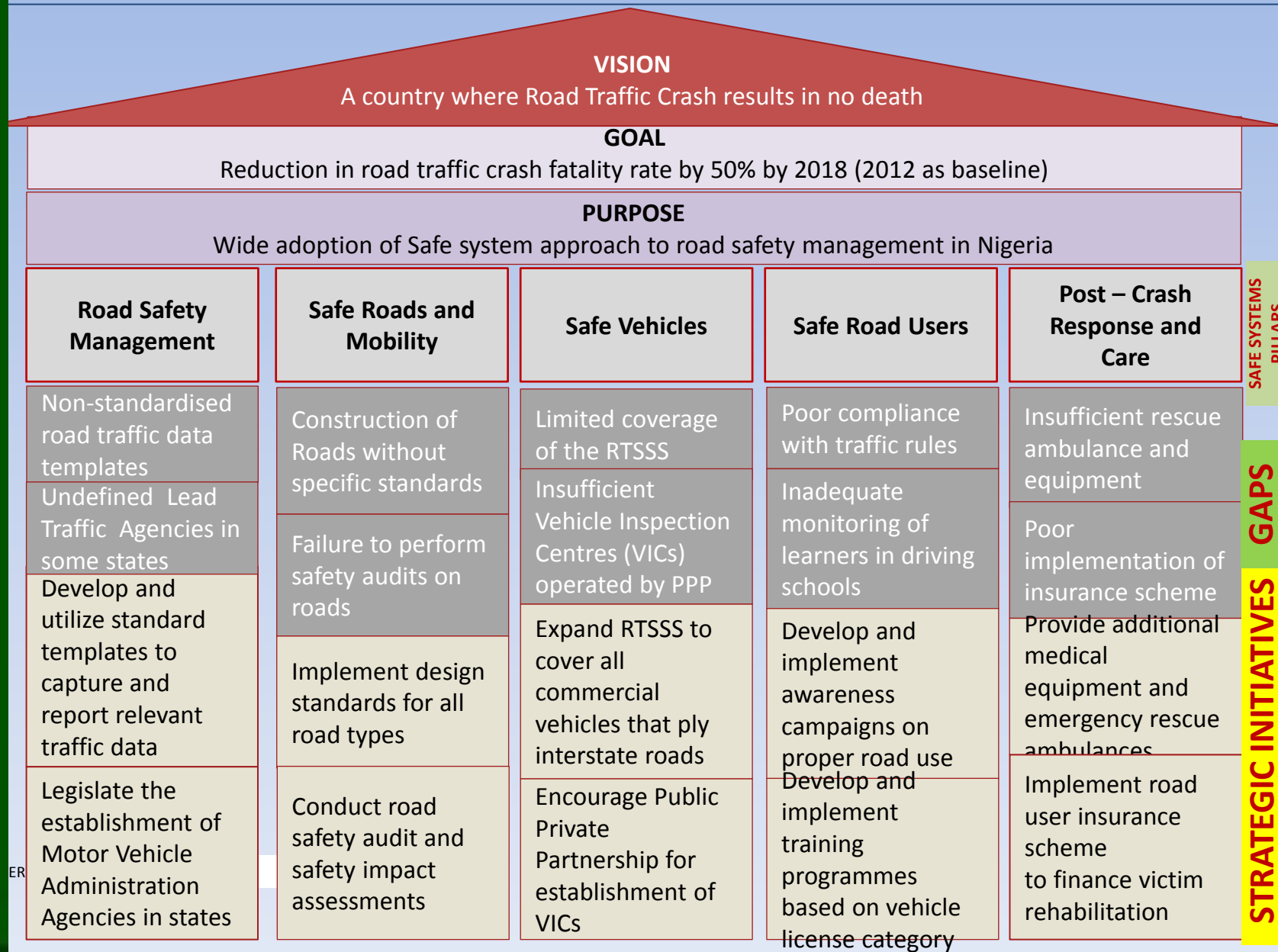
### Significant Initiatives of the Corps

	Item	FRSC Initiative
1.	Pre-hospital care	<ul style="list-style-type: none"><li>a. Utilization of toll free numbers for prompt response to crash victims (anchored by the FRSC Call Centre)</li><li>b. Expansion of ambulance services nationwide</li><li>c. Expansion of road side clinics and help areas nationwide</li><li>d. Specialised training on emergency life support handling and trauma care management</li><li>e. Provide early rehabilitation to minimize both physical and psychological trauma</li></ul>
2.	Crash investigation	<ul style="list-style-type: none"><li>a. Establishment of Safety Engineering Department</li><li>b. Compulsory investigation of crashes involving over 6 fatalities</li><li>c. Encourage justice for bereaved and injured victims of road crashes</li></ul>



# Lead Agency Case Study - Lead responsibility for development of grand road safety strategy

## NRSS on a page – Key Responsibilities Gaps and strategic initiatives





Lead Agency Case Study - Political support; location within the Presidency;

Budget; Business Intelligence and Staffing has improved bottom line

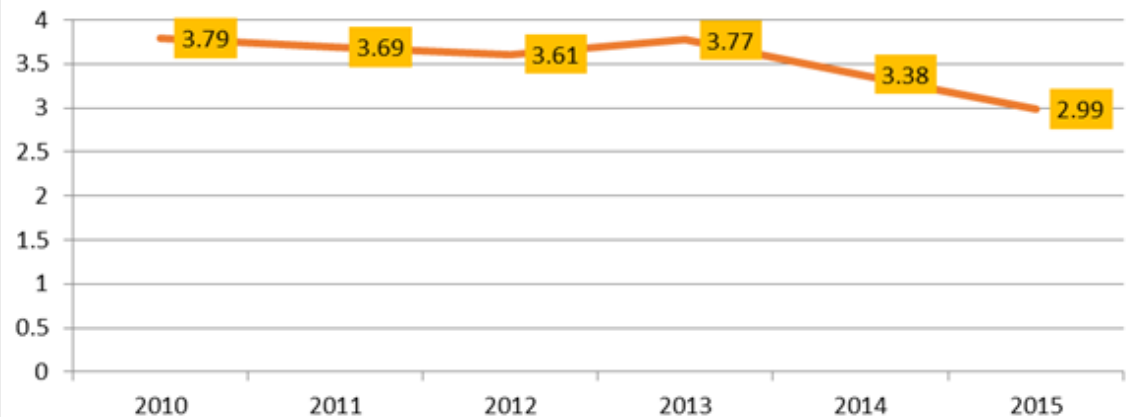


## **BOTTOM LINE IS PERSISTENT DECLINE IN CRASH FATALITY DESPITE POPULATION GROWTH**

Year	2010	2011	2012	2013	2014	2015
Population (million)-Nigeria	159.7	164.2	168.8	173.6	177.5	181.6
Fatalities/ persons killed	6,052	6,054	6,092	6,544	5,996	5,440
Injury crashes / Total Crashes	11,385	13,196	13,262	13,583	10,380	9,734
Deaths per 100,000 population	3.79	3.69	3.61	3.77	3.38	2.99

**Despite consistent increase in population growth, Nigeria's road fatality per 100,000 human population continues to decline**

**Road Traffic Crash Deaths per 100,000 Population (2010-2015) in Nigeria**





## Lead Agency Case Study - World Bank SSATP Show Case of Nigeria Lead Agency Concept

The World Bank declared Federal Road Safety Corps as *"the best example of a lead agency on road safety in Africa"*



**The World Bank**



# Lead Agency Case Study - Political support to FRSC as Lead Agency



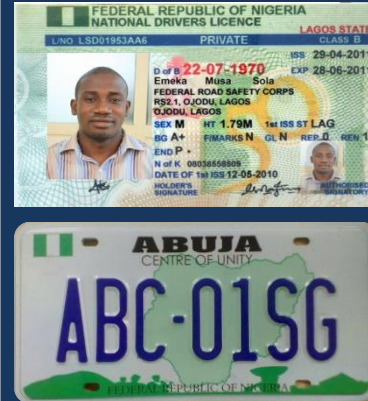
## Targeted Enforcement



## General Road Safety Education



## Production of Driver's Licenses and Plates



## Emergency Services



## Highway Codes and Regulations



## Recommend Works and Devices



## Cooperation with other Stakeholders





## Lead Agency Case Study - Going Forward

# FRSC has developed a strategic road map for defining path in going forward

The following underlying principles influenced the development of the FRSC's corporate strategic road map:

- The need to be clear about the relationship between the Commission, the Road Safety Corps, road safety agencies and interest groups specifically on States and Federal roads within the country, especially as it relates to the enforcement of road safety rules
- The need for the FRSC to clearly define its relationships with all other stakeholders interested in road and vehicle safety
- The need to enhance and focus on areas of strengths as well as on those areas that will enable the FRSC play a key role within the road and vehicle safety space within West Africa and Africa in general

**By 2020, the FRSC aims to have evolved into a performance driven world-class organization, operating as *Technical Regulator and Coordinator of road and vehicle safety within the Nigerian environment as well as advisers to other road safety agencies on the African continent***



## Lead Agency Case Study - Going Forward II

FRSC will continue to offer Technical Supports that will promote Lead Agency Concept in Africa





Safety starts with  
**you**



# THANK YOU

**Phone Only**



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0700 - 2255 - 3772**

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