



We have a very strong will
to change the wheels



Targets



The dire **situation**

Nigeria

Country Overview





Bicycle Transportation in Developing Economies

BY

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Federal Road Safety Corps, Nigeria**

at the

Velo-City Cycling Conference, Vienna Austria



10 - 15 June, 2013



Source:Google

Whenever I see an adult
On a bicycle,
I have hope for human race

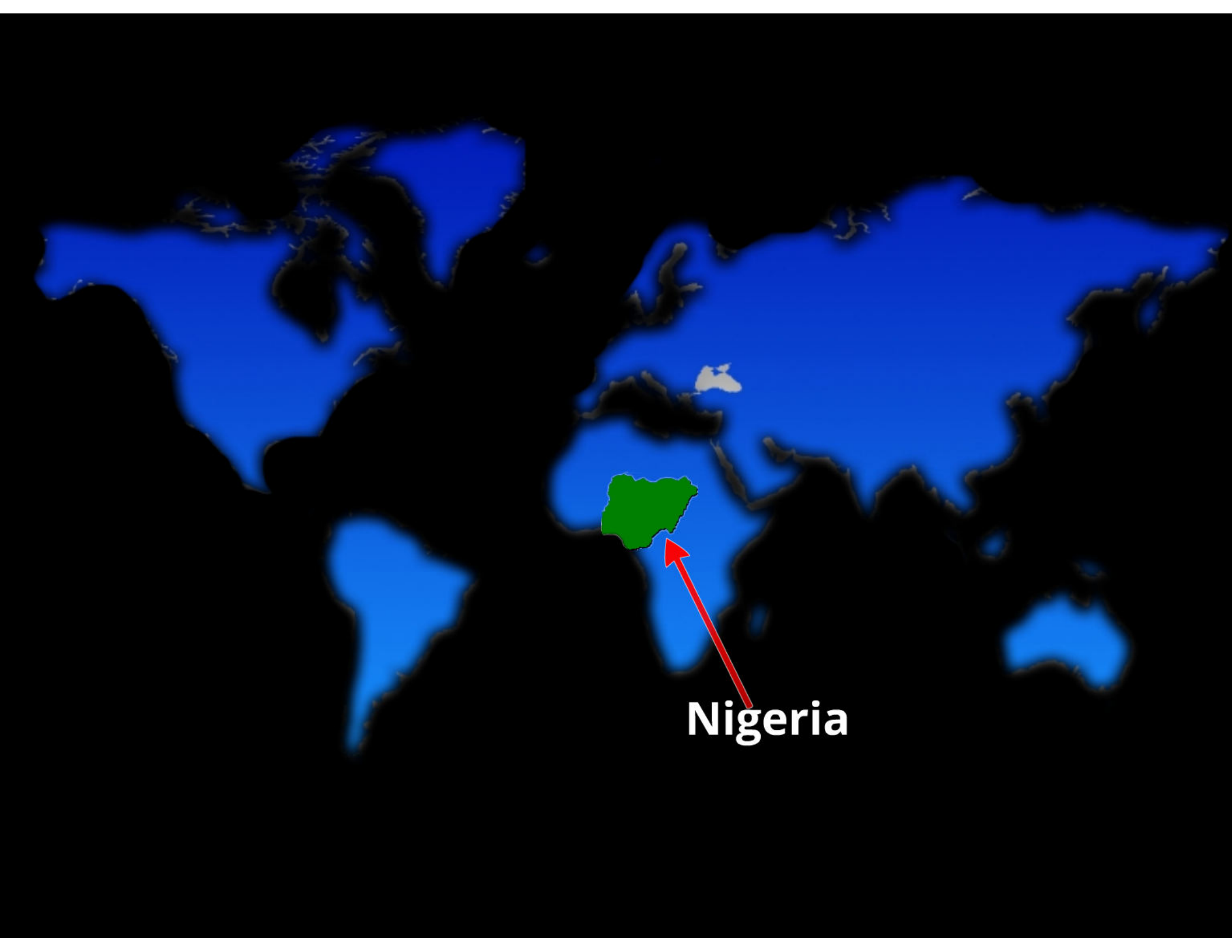
H.G. Wells

English novelist, journalist, sociologist, and historian

1866-1946

Nigeria

Country Overview



Nigeria

Nigeria...

- Has a population of 167 million people (6th in the world) with 48.3% of this in urban areas
- Land mass of 910,771sqkm (26th in the world) which translates to 861 persons per square kilometer
- Total road network of 200,000km of Federal State and Local roads (2nd largest road network in Africa & 24th in the world)
- GDP per capita of USD1,541 (N248.101k)



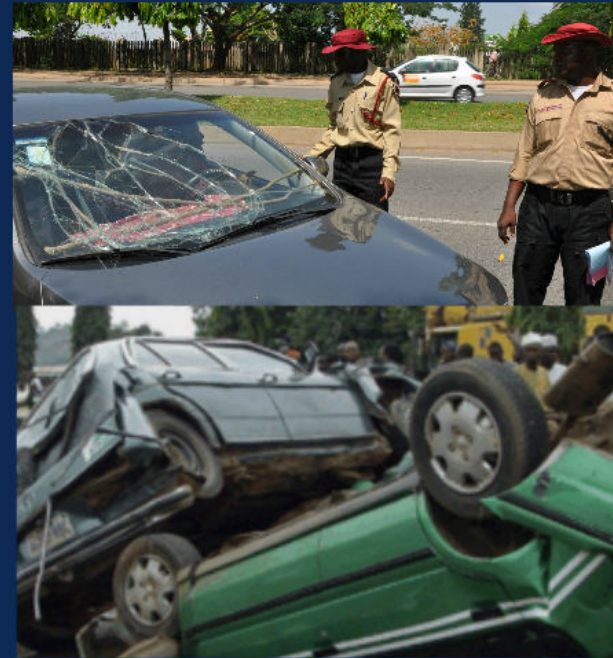


The Country has an estimated
7.9 million vehicles
largely used by the 48.3% urban population

- **Vehicle per kilometer of road is 34.6 (top 40 in the world)**
- **4billion Naira (approximated) (about 26million USD) is spent daily to fuel these vehicles**
- **thus, tremendously adding to the global CO₂ emissions annually**

The dire **Situation**

An average of 4,000 deaths and 20,000 injuries resulting from RTC are recorded annually



Health facilities are overstretched

High cost of transportation for low income families

(35% of income spent on transportation)



Despite the continual expansion of road network by the government, major cities are still experiencing heavy traffic





The steps
we are taking

Just completed the National Cycling Strategy

2013-2016

**NRTR 2004, Notice of Offences &
Nigeria Highway Code are currently
undergoing review**

Continually meet with wider stakeholders & policy makers
for their buy in



The key stakeholders:

- **Cycling Federation of Nigeria**
- **Nigerian Society of Engineers**
- **National Institute of Transport Technology**
- **National Environmental Standards Regulations & Enforcement Agency**
- **Federal Roads Maintenance Agency**
- **Federal Ministry of Lands & Urban Development**
- **Federal Ministry of Environment**

The key stakeholders (II):

- **Energy Commission of Nigeria**
- **National Planning Commission**
- **National Automotive Council**
- **National Orientation Agency**
- **Federal Ministry of Transport**
- **State Governments**
- **Federal Road Safety Corps**

**We have examined all necessary issues
for the take off of FCT pilot scheme**

FCT

Fact File

Federal Capital Territory Awards
• The most innovative
• Awarded to the best
• Awarded to the best
• Awarded to the best
• Awarded to the best

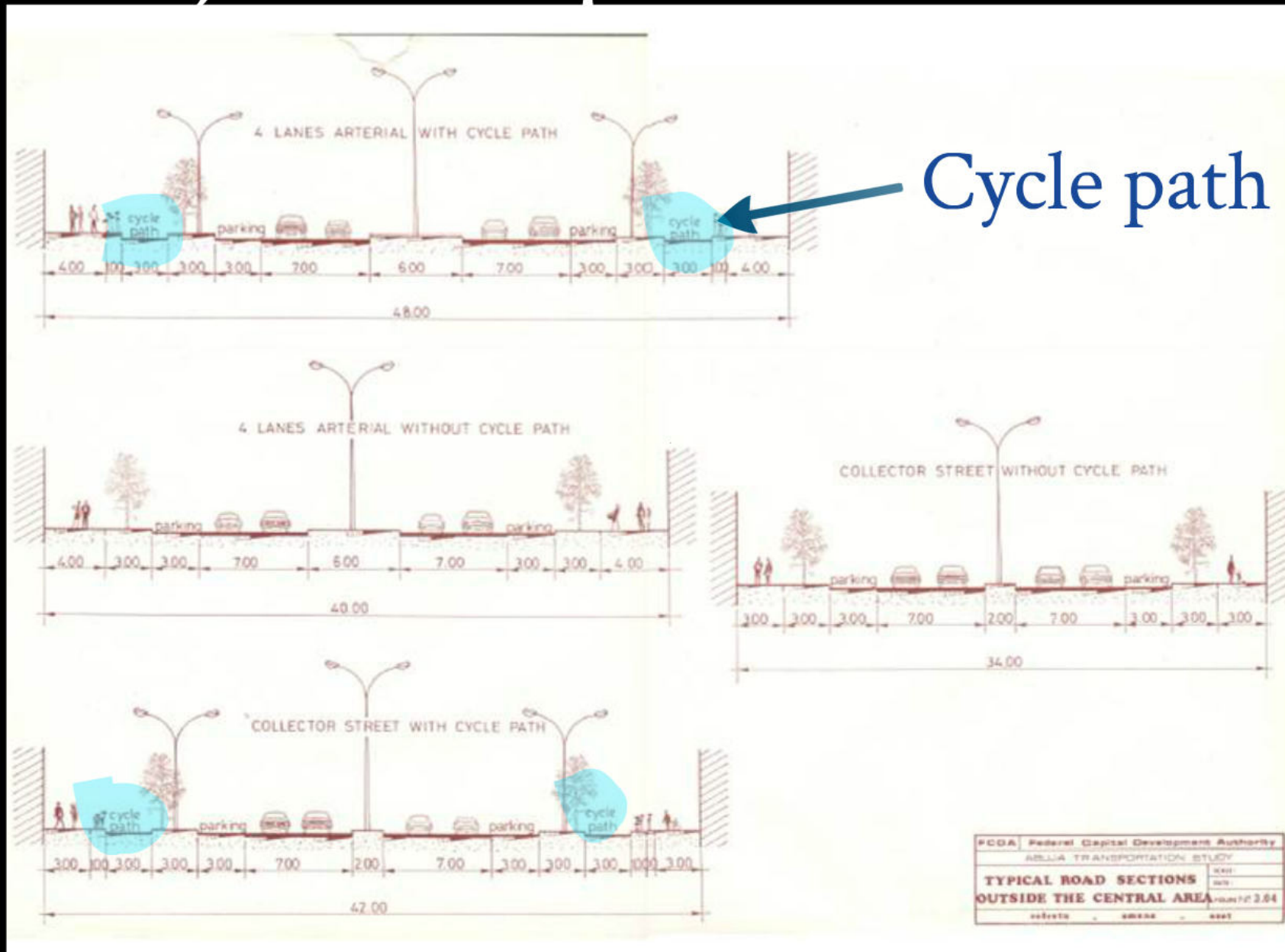


Federal Capital Territory Abuja is...

- the capital city of Nigeria
- located in the centre of the nation
- Covers a land area of 8, 000 square kilometre
- a population density of 192 people per square kilometre



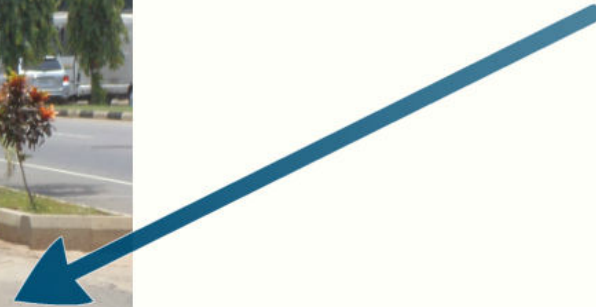
Abuja Transport Master Plan



Pedestrian path



Cycle path



The National Cycling Policy and Strategy **2013-2016**

Vision

To have 15% of Nigerians cycling by choice as percentage of daily trip by 2016

Secure allocation of 15% of transport budget for cycling, leading to;

- 80% public awareness**
- 30% city roads with cycle facilities**
- 50% children within 5km of schools cycling for their classes**
- 20% workers cycling to their offices**

The National Cycling Policy and Strategy **2013-2016**

Key priorities of the strategy

Integrated planning

Cycling promotion



Law & safety



Infrastructure and Facilities

Targets

The University Community

Urban Cities:

- Abuja
- Lagos
- PortHarcourt
- Kano
- Enugu

Identified issues for the take off of planned cycling scheme in FCT, as a model





**An extensive study
of the road network
in May, 2013**



We discovered that all the roads in FCT have cycle paths, some already encroached upon, but are correctable





less than **2%**
of the population
ride bicycle.

Majority are from the Rural Community



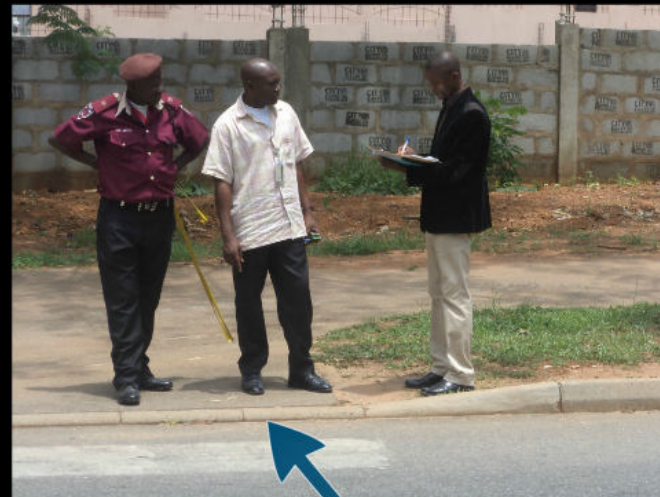
Traffic light & kerb designs at some junctions have not allowed for adequate use of cycle paths where they exist

Cycle path



High kerb

preventing access to cycle path



One of very few junctions with
lowered kerb



High kerb
preventing access to cycle path



One of very few junctions with
lowered kerb



Met with Stakeholders who are already working to restore the distortion

Encouraging

15%

**Reduction in vehicle use
means car owners deciding
to cycle just one day in a week**



This will reduce man-hour
in traffic by about the same percentage



National fuel consumption will drop by about 5 million litres/day amounting to N730million (\$4.6m)



equivalent to about 23 million pound
of CO₂ that would have gone into the air

It will impact on cost of road maintenance



Other immeasurable environmental & health
benefits both to the Nation & individuals

We have a very strong will
to change the wheels



It is just a matter of time
for us to win the race against time



Thank you

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Law Enforcement Agency
in Africa

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FRSC, Nigeria



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