

**VITOL GROUP CHAMPIONS INNOVATIVE  
SOLUTIONS FOR ELECTRIC CARS**

## 1. EXECUTIVE SUMMARY

Vitol Group E-Mobility Project aims to transform the transportation landscape in Nigeria, by implementing a comprehensive electric mobility solution.

This initiative seeks to address pressing issues such as urban congestion, environmental pollution, and the inefficiencies of traditional fossil fuel-based transport.

By partnering with the state governments, Federal Government MDAs, we plan to introduce electric vehicles (EVs) as a Service (EVAAS), establish a charging infrastructure, and foster sustainable practices that align with the Federal Governments economic and environmental goals.



# PROJECT OBJECTIVES

- **Reduce Carbon Emissions**
- **Enhance Urban Mobility**
- **Promote Economic Growth**
- **Improve Public Health**
- **Foster Technological Innovation.**

## 1. Reduce Carbon Emissions:

Decrease the state's carbon footprint by replacing conventional vehicles with electric vehicles, contributing to Nigeria's climate goals and positioning Delta as a compliant state.

## 2. Enhance Urban Mobility:

Alleviate traffic congestion through the deployment of efficient, smart EVs and improved transportation systems.

## 3. Promote Economic Growth:

Create local jobs, stimulate economic development, and attract investments in the EV sector.

## 4. Improve Public Health:

Reduce air and noise pollution, leading to better health outcomes for residents.

## 5. Foster Technological Innovation:

Position the state as a leader in green technology and smart transportation solutions.



# PROJECT SCOPE



## 3.1. Electric Vehicle Fleet

- **Types of Vehicles:** Passenger cars, electric buses, and motorcycles.
- **Deployment Areas:** Urban centers, public transport routes, and key government facilities.
- **Initial Fleet Size:** 1,000 vehicles, with plans for expansion based on adoption and success metrics.

## Charging Infrastructure



- **Charging Stations:** Establish 100 fast-charging stations across the state, including public and private locations.

- **Home Charging Solutions:** Provide incentives for residents and businesses to install home and workplace charging units.