

**STEPS TOWARDS REDUCED EMISSIONS
AND CLEANER VEHICLES IN KENYA**

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STEPS TOWARDS REDUCED EMISSIONS AND CLEANER VEHICLES IN KENYA

- Kenya, like most developing countries, is experiencing high rate of motorization.
- In the last five years, the country has been registering an average of 105,000 motor vehicles and 120,000 motorcycles per year
- Vehicles increased by 157% within a period of 9 years (2006 - 2015)

STEPS TOWARDS REDUCED EMISSIONS AND CLEANER VEHICLES IN KENYA

- High level of motorization has led to congestion in Nairobi and other major towns in Kenya
- Currently, transport emissions account for approximately 13% of total national emissions and expected to increase to 17% by 2030

PSV (Matatu) Terminus in Downtown Nairobi



Thika Highway



Transport Emission Reduction Areas

- The Kenya National Climate Change Action Plan (NCCAP) has documented areas of emission reduction in road transport namely:-
 - BRT/LTR in Nairobi (Stds for BRT buses being developed)
 - Improved heavy goods vehicles (Trucks)
 - Freight and passengers from Road to Rail (SGR)
 - Use of cleaner vehicles (Electric, LPG retrofitting)
 - Improved fuel quality -50ppm import in the country
 - Kenya Petroleum Refinery Ltd closed- Non compliance
 - Age limit to 8 years for imported vehicles (KS 1515)






NAIROBI PROPOSED MRTS / COMMUTER RAIL NETWORK

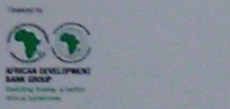
-  1 Ndovu Line Kisumu - 2018
-  2 Simba Line Arusha - 2018
-  3 Chui Line Nyeri - Shika Ground
-  4 Kifaru Line Maria Lacy - J Mwalimu
-  5 Nyati Line Kitale - 2018

Phase I - Year 2018-2030
Road Based Bus Rapid Transit System (BRTS)
Lines with Upgrade Standards to Light Rail
Transit System (LRTS) Lines

Phase II - After 2030
Rail Based Mass Rapid Transit System (MRTS)

-  Stations
-  Commuter Rail
-  Road Network

Solid Lines - To be Implemented in Phase I
Dotted Lines - Line Extensions in Phase II







Other measures include:-

- Revision of KS 1515; Code of practice for inspection of road vehicles:- to incorporate stringent emission requirements
- Intend to have Fully-built-up and used vehicle imports to meet Euro IV emission standards requirements
- Develop NMT infrastructure

Mama Ngina Street



Conclusion!

**The World runs on Standards, and
Clean Vehicles Should RUN ON
STANDARDS!**

Thank You