

# East Africa progress towards used vehicle standards

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# OUTLINE

- Objective in regulating used vehicles
- Progress on harmonization of clean fuels standards and vehicle emissions ;
- Recommendations and Way forward for EAC



# Regulating used vehicles in the

- Vehicle emissions are among the high contributors to poor air quality;
- Air quality has immense repercussions on human health, environment, economy and climate change among others;
- Policies , regulations and standards developed in the Partner States and EAC to mitigate negative impacts.
- Intervention on standards focused on clean fuels and vehicle emissions



# Harmonization of FUEL AND Vehicle EMISSION Standards

- ❖ Priority for quality, safety and protection of the environment;
- ❖ First harmonized in 2000;
- ❖ Revised in 2005 to cater for unleaded fuel;
- ❖ In the 2000 version of the two main standards EAC 158 : Automotive Gasoline (Premium Motor Spirit) and EAS 177: Automotive Gas Oil (Automotive diesel) , Sulphur content was at 500ppm;
- ❖ During the revision of 2012, level reduced to 150ppm with Partner States committing to reduce it to 50ppm



# Standards Development and Revision Milestones


- ❖ First harmonized in 2000;
- ❖ Revised in 2005 to cater for unleaded fuel;
- ❖ **EAS 500 – 2008** ; Code of practice — Testing of motor vehicles for roadworthiness
- ❖ In the 2000 version of the two main standards EAC 158 : Automotive Gasoline (Premium Motor Spirit) and EAS 177: Automotive Gas Oil (Automotive diesel) , Sulphur content was at 500ppm;
- ❖ During the revision of 2012, level reduced to 150ppm with Partner States committing to reduce it to 50ppm by 2014;



# Harmonization of Fuel Standards Cont'

- ❖ 2019 revision, Sulphur levels set at 50 ppm max (Analytical data however shows that most levels are at 10 ppm or less);
- ❖ Further in 2019 started harmonization of EAC standard for vehicle emissions;
- ❖ Agreed to adopt **EAC vehicle exhaust emission standards at Euro 4 / IV;**
- ❖ Kenya and Rwanda already have national standards for vehicle exhaust emission at Euro IV,
- ❖ Standard already under implementation in Rwanda

# Priority areas for harmonization

- Finalise harmonization of the EAC standard for vehicle emissions
  - Revision of EAS 159 Specification for engine oils;
    - Specification for base oil ; Heavy fuel oils— Specification; LPG ;
    - Classification of hydraulic fluids ;
    - Engine coolant—Specification ;
    - Brake fluids—Specification;
    - - Gear oils—Specification;
    - - Greases—Specification;
    - - ATF.
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# Recommendations and the way forward

- Adopt Euro IV for Vehicle exhaust emissions;
- Lobby and promote EAC position on the harmonization initiatives under;
  - Tripartite Transport Transport and Transit Facilitation Programme (TTTFP);
  - African Standardization Organization (ARSO)
- Capacity building on Conformity Assessment (Testing , inspection and certification ) to facilitate standards implementation





THANK YOU

