



Electric Mobility Standardization in Kenya

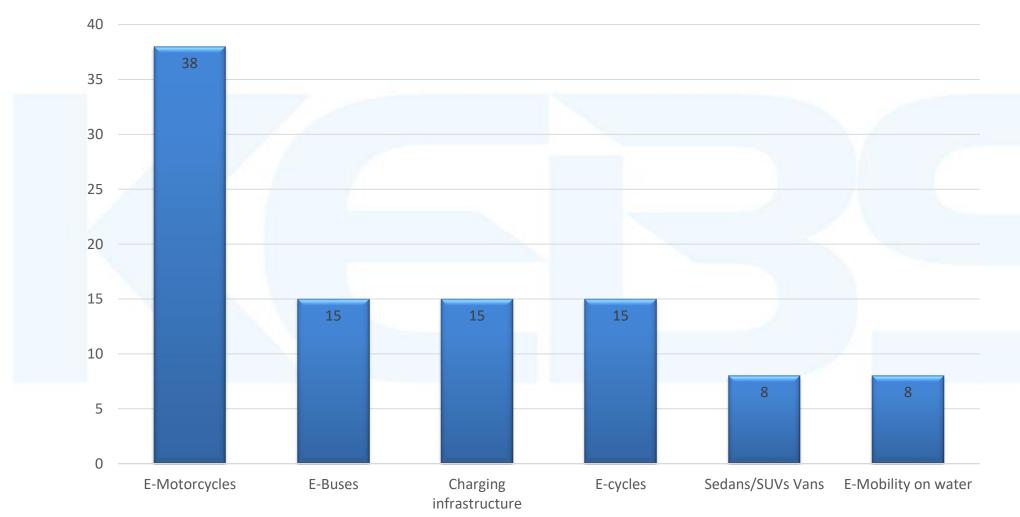
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Industry Players in Kenya



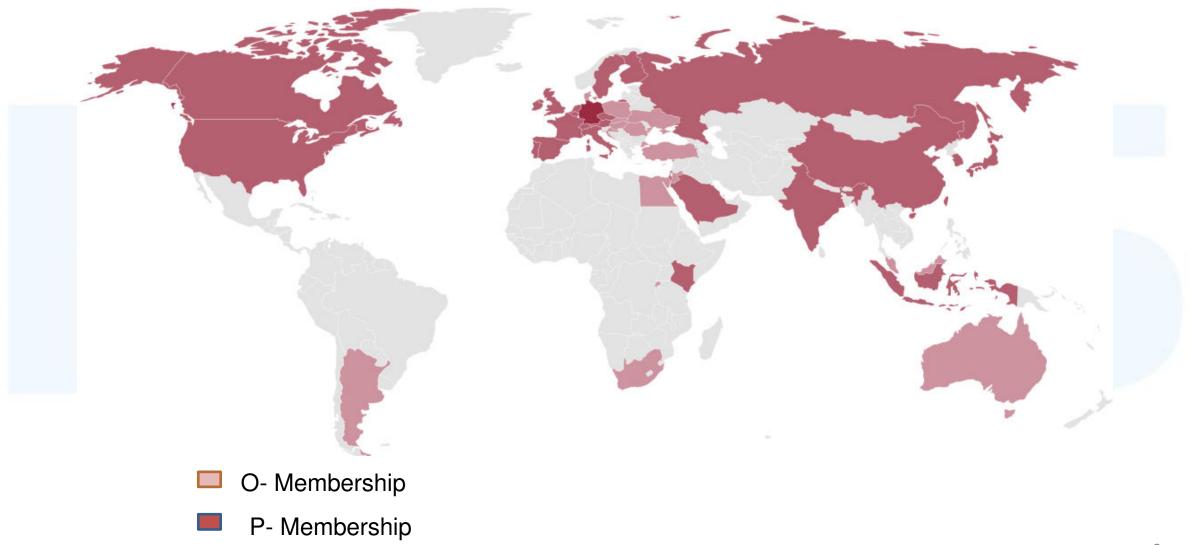
E-MOBILITY SERVICE PROVIDERS IN KENYA





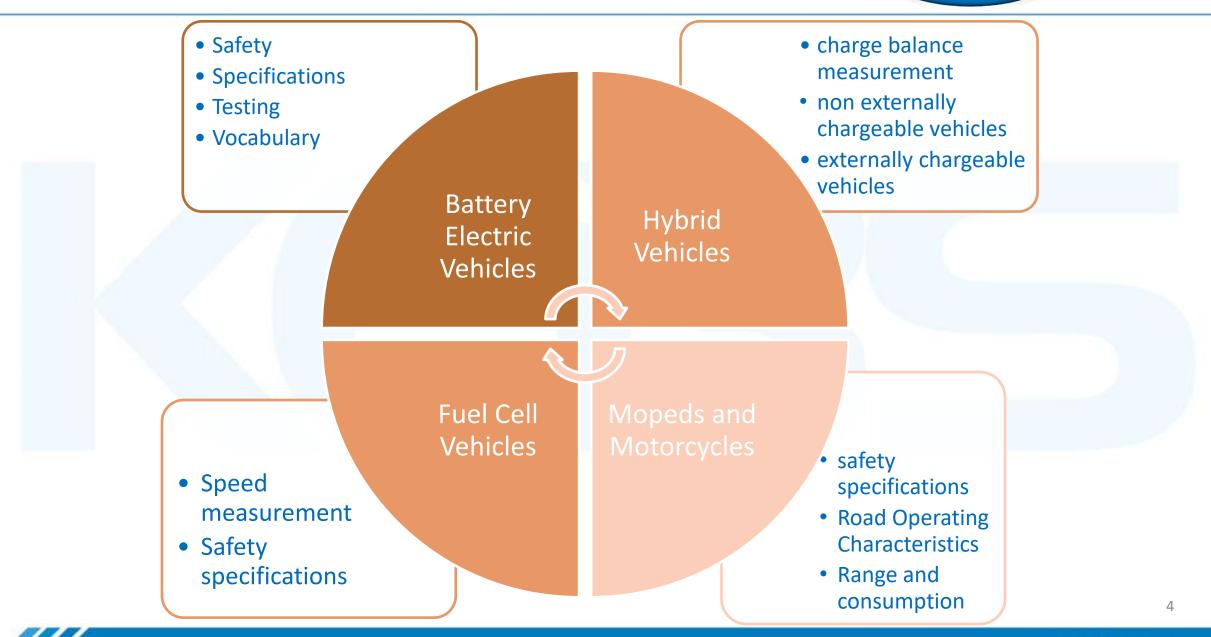
TC 22/SC 37 Membership





KENYAN STANDARDS- E-Mobility





Gaps in E-Mobility standardization



Charging cables for electric vehicles

Plugs, socketoutlets, vehicle connectors and vehicle inlets

Battery swapping

Safety requirements of connecting to an external electric power supply

Electric-tri/bicycles

Circuit breakers for battery powered vehicle applications

Electric vehicle wireless power transfer (WPT) systems

Electric vehicle conductive charging system

Vehicle to grid communication interface

Standardization Challenges-Kenyan perspective

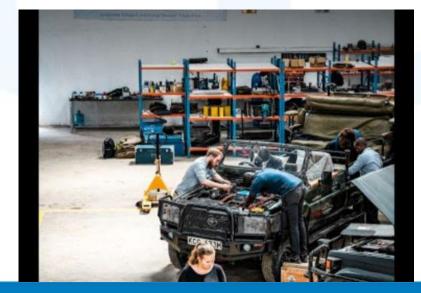




1. Inspection of used EVs



2. Testing- Equipment, capacity building in institutions



3. Conversion from ICE to Electric- Roam Motors formerly Opibus Kenya

Standardization Challenges-Kenyan perspective



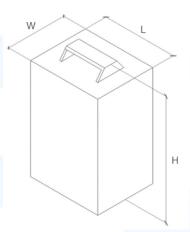






5. Battery Standardization- 2&3 wheelers Dimension, voltage range, weight

TISI 3316-2564 Electric
Mopeds And Motorcycles –
Removable Rechargeable
Electrical Energy Storage
System





6. Used EV- End of life-battery recycling (repurposing)



- What Challenges are you facing in your country?
- How do your challenges relate to what we are experiencing in Kenya?
- What innovative elements are you incorporating to tackle standard related challenges?





Kenya Bureau of Standards

Standards for quality life

Thank you

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