

Global Electric Two- and Three-Wheeler Conference

Bangkok Thailand

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Innovation Approach to E-mobility in Tanzania

Objectives

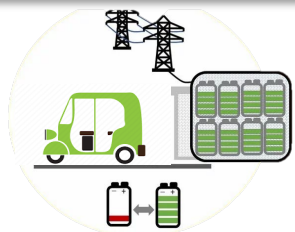
- Knowledge transfer (3E awareness)
- Reduce foreign oil importation
- Mitigate road emissions
- Reduce operating cost



Electric two-wheeler



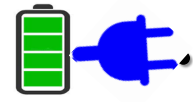
Electric three-wheeler



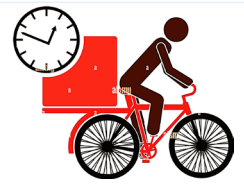
Swapping station **X**



Solar powered station **X**



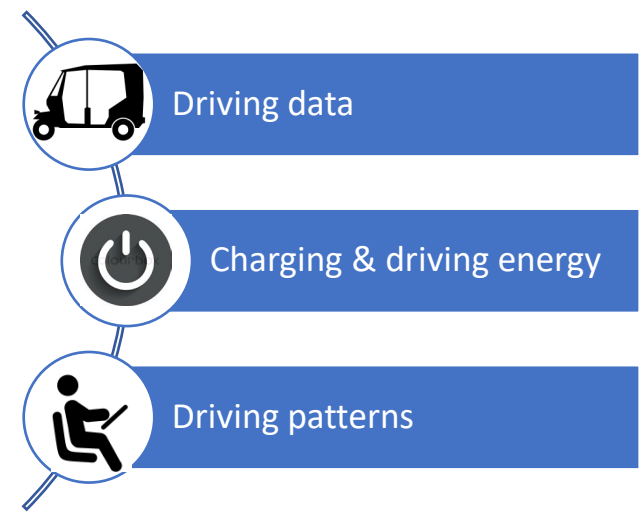
Electrical socket **✓**



Urban delivery



Urban passenger mobility



E-bicycle in Tanzania



E3W in Tanzania



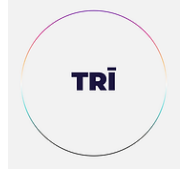
Assembling



Fabrication



Retrofitting



Innovation stages

- Road tests: **DONE** ✓
- Road registration: **DONE** ✓
- Application: **PASSENGER MOBILITY**



- Road tests: **IN PROGRESS**
- Road registration: **NOT YET**



- Road tests: **IN PROGRESS**
- Road registration: **NOT YET**



Support from the government



- Enact EV Policy
- Interconnect govt bodies
 - EWURA, TIRA, LATRA, FIRE
- Introduce EV bodies
- Introduce standards, regulations

Subsidies

- VAT deduction
- Tax exemption
 - Imported EVs & parts
 - Charging infrastructure

Incentives

- Free city parking, tollways and ferries
- Free plate number
- Reduced road license
- Soft loans
- Soft measures – zero emission zones
- Reduced EV charging cost

- Support development of EV systems
- Support spread of EV infrastructure
 - Batteries, motors
 - Charging infrastructure
- Transfer technologies

Plan for scaling up

Partnership



- Enact EV Policy
- Interconnect govt bodies
 - **EWURA, TIRA, LATRA, FIRE**
- Introduce EV bodies
- Introduce standards, regulations

- Subsidies
- Incentives

- EV Supply Equipment
- Motors
- Other parts

- Public awareness
- Cost & emission reduction
- Customer benefits

- Transfer technologies
- Address challenges
- Develop new technologies



Thank You

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