Ethiopian Initiatives fuel economy and Clean Mobility

Workshop On Africa Clean Mobility Week

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Introduction

- Ethiopia is a country found in horn of Eastern Africa,
- It is the most populous nation in Eastern Africa and the second-most populous in Africa after Nigeria
- It has over 100,000,000 population.
- **Economically**, Ethiopia is one of the fastest-growing countries
  - It has **REGISTERED AVERAGE GROWTH OF 10%** for the last 10 years
    - set by 2025 become a vision to reach a **middle-income**
  - The vision will achieve by building a **green economy**
On a conventional way it may emit more than 450Mt CO2 by 2030.

The country target to limit its GHG emissions not to exceed 150 Mt CO2e.
General Policies Developed

- **The four policy pillars:**
  1. **Agriculture:** Improving crop and livestock production practices for higher food security and farmer income while reducing emissions
  2. **Forest:** Protecting and re-establishing forests for their economic and ecosystem services, including as carbon stocks
  3. **Power:** Expanding electricity generation from renewable energy for domestic and regional markets
  4. **Transport, industrial sectors and buildings:** Leapfrogging to modern and energy efficient /FUEL ECONOMY/ Technologies
Projects under going to ward reneabel energy

- It builds many
  - **Hydro electric Dams and generates hydro power**, (14 completed, 7 under construction),
  - **wind energy**, 324 MW, 3 projects
  - **Geothermal energy**, 1000 MW from 2 projects
  - **Waste Energy 50** MW AT ADDIS
  - **Bio fuel Energy**: more than 9 million Energy Efficient Stoves Distributed up to 2015
  - **Ethiopian Renaissance Dam** is under Construction which will Generate 6,450 MW
  - Massively distributes Solar stoves and lights to the rural people.
Transport Sector in Ethiopia

- Ethiopia has more than 800,000 Vehicles
- MOTORIZATION INCREASE MORE THAN 11% PER YEAR
- 88% of the Green House Gas emission in Ethiopia comes from transport and energy sectors
Challenges Faced Ethiopian Transport; Especially in the capital City of Addis Ababa

- High fuel consumption from transport
- Increasing traffic congestions
- Road side parking
- Air pollutions due to the prevalence of old vehicles
- Poor integration of different modes of transport
Some of the policies implemented in transport sector

- Introduces two CORIDOR east-west and north–south Light Rail Transit in the Capital City,

- Cross boundary standard gauge Train transport 720 km up to Djibouti boarder to port completed

- Second project rail to north part ETHIOPIA under construction 48% COMPLETED

- These all uses Electric power,
Light Rail Addis Ababa
Light Rail Addis Ababa
Replacement Old salon Taxi

Government give financial Incentivize
- tax free privilege those who file
- form accompany minimum 35 individual
- They have to buy a Minimum of 35 new salon taxi
- They were in the business of taxi industry before
- so far 1063 new meter taxi star operation
Current Salon Taxi
New Meter Taxi 5 seat
New meter taxi 7 seat
Replacement of old minibus taxi by bus

Government give financial Incentivize

- tax free privilege
- 70% bank loan
-form accompany minimum 50 individual
- They have to buy a Minimum of 50 bus
- They were in the business of minibus taxi industry Addis before
-so far 100 buss star operation 400 bus at the process
Very Old Minibus taxi
New Euro 111 buss
Introduce School Bus

- New police introduce school bus
- The first initiative taken by gov.
- 50 busses
- For private and government schools
- Will extend after the results are assessed
Current school service
The new school buss
Introduce New Double Deck Bus
Introduce New Double Deck Bus
Introduce Of Electric Three Wheel
ROSE Three Wheeler
THANK YOU!!!