



**Ethiopian Initiatives fuel economy and
Clean Mobility**

**Workshop On Africa Clean Mobility
Week**

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Mr. Kasahun H.Mariam

Ethiopian Transport Authority

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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**

TARGET

- ❑ **On a conventional way it may emit more than 450Mt CO₂ by 2030**
- ❑ **The country target to limit it's 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% **COPLETED****
- These all uses Electric power,**

Light Rail Addis Ababa



Light Rail Addis Ababa



CROSS BORDER PASSNGER RAIL



CROSS BORDER PASSNGER RAIL



Replacemnt 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



photo: David Oetochewy/Reporte



Introduce New Double Deck Bus



Introduce New Double Deck Bus



Introduce Of Electric Three Wheel



ROSE Three Wheeler





THANK YOU!!!!