Building Sustainable Transport
Today, Clean Transport Tomorrow

Shewangizaw Kifle
Chief Officer, Ethiopian Railway Corporation

COP 22/Transport Day
13 November 2016
Marrakech, Morocco
Messages

- Building sustainable transport is a key pillar of the CRGE transport strategy
  - National Railway Development Plan
  - Addis Ababa Light Rail Transit project
  - BRT
  - Cycling and walking
- Transport by rail avoids 9 million t CO2e /y.
- Climate finance will de-risk private sector investment
- A mixed package of climate finance is looked for
  - carbon credits
  - donor support
- Ethiopia is pursuing climate finance partnerships
GROWTH AND TRANSFORMATION PLAN (GTP I) and CRGE

KEY INVESTMENT SECTORS

- RENEWABLE ENERGY
- AGRICULTURE
- TRANSPORT
- FORESTS
- BUILDINGS
Priority Projects

1. Addis Ababa – Djibouti Railway Project 800 km (100%)
2. Awash-Weldiya/Makelle Railway Project 647 km (51%)
3. Addis Ababa LRT 34 km (Completed and started operation)
4. Rapid Transit (BRT) line in Addis Ababa; feasibility study completed and the construction of Bus is expected to start in 2017 (support of the French Development Agency).
5. Walking and cycling
6. Transit-oriented development (TOD)
Addis Ababa celebrates inauguration of LRT

September 2015
Bus rapid transit

- Rapid Transit (BRT) line in Addis Ababa; feasibility study completed and the construction of Bus is expected to start in 2017 (support of the French Development Agency).
Electric Buses

- Government recognizes that the sustainability of bus services depends amongst others on their energy source, fuel type and quality, and vehicle technology.
- MoT: transition towards electric busses to enhance the performance of the urban public transport network
- exploring the potential to implement electric buses in major and emerging urban centers in Ethiopia.

Current project development status
Walking and cycling

Intersection redesign

Cycle track construction
Transit Oriented Development - TOD

- High density urban development along public transport corridors
- Combination of residential, business and commercial buildings and public functions
- People live close to their work
- Easy access to public transport
- First pilot in Leghar, Central Addis Ababa
In Phase I
More than 2000 km National railway plus 34 km Light Rail in Addis
Funding needs

- Funding of supportive measures and investments:
  - Transit Oriented Development
  - Increasing operational revenues
  - Refinancing the LRT and first three routes national railway
  - Financing of new routes
ERC Climate Finance Strategy

Carbon credits
- Direct payments for emission reductions

NAMA Framework
- GCF
- Bilateral climate finance
- Supportive actions and recognition

Other opportunities
- Innovative financing
Efforts so far

1. CDM Development of the LRT: UNOPS
2. Transit Oriented Development Funding
   - AA LRT TOD NAMA Proposal Prepared and submitted to the NAMA Facility (UK-Germany)
   - AA LRT TOD Proposal Prepared and is under review for submission to GCF
3. UNFCCC NAMA Registry
   - Railway NAMA for recognition
   - Railway academy NAMA
   - Climate vulnerability NAMA
   - TOD NAMA
Public climate finance triggers private investment and expansion of public transport

- Public Infrastructure
- Commercial real estate
- Revenues for further investments in public transport
- Increased use of public transport
- TOD area
- Building institutions

Public Climate Finance

Private investment
Conclusion and Plans for 2017 and beyond

• Large scale climate finance is essential to sustain and scale-up railway development

• A mixed package of climate finance is looked for, relying both on carbon credits and on donor support.

• Ethiopia is inviting International Financiers to become partner in the financing of clean transport

• Plans 2016:
  • Building further on capacity and institutions
  • Elaboration of proposal on TOD for the Green Climate Fund
  • Start development of CDM registration of LRT
  • Start development of monitoring methodology for National Railways
  • Securing International Finance for NAMA Projects
Mr. Shewangizaw Kifle
Ethiopian Railways Corporation

E-mail: kidusshk@gmail.com
       shkm2006@yahoo.com
Office Tel: +251-114-70-21-90
          Fax: +251-114-70-20-44
          Mobile: +251-911-22-68-16

Websites: www.erc.gov.et
          www.ercclimatefinance.com

The ERC Climate Finance Project has received funding from the Strategic Climate Institutions Programme (SCIP). The SCIP Fund is financed by the Governments of the United Kingdom (UK), Norway and Denmark.

COME VISIT ETHIOPIA & ITS WONDERS