

**Sustainable Mobility
in Major and
Emerging Cities of
Ethiopia.**



1. Urban Mobility Strategy

The Government through Ministry of Transport is committed to implementing a National Sustainable Urban Mobility Strategy - an enabler for CRGE strategy

2. The action plan

Sustainable Mobility Program for Major and Emerging Urban Centers of Ethiopia.



- ▶ *It presents a designed to reduce Green House Gas Emission.*
- ▶ *It is a realistic shift towards green / carbon neutral mobility option.*



3. Milestones in Green Transport

- ▶ Completed the 34 km Light Rail Transit (LRT) line for Addis Ababa City and operation started (April 2015)
- ▶ Inaugurated a 756 km National Electric Railway line between Djibouti and Addis Ababa. (October 2016)
- ▶ An additional 429 km Electric Railway line linking Awash-Shewa Robit-Kombolcha-Hara Gebeya, and Mekele is underway with 45% of the physical construction performance of the network has been completed.
- ▶ Bus Rapid Transit (BRT) line in Addis Ababa; feasibility study completed and the construction of Bus is expected to start in 2018 (support of the French Development Agency).
- ▶ Climate resilient Transport sector strategy is finalized



4. Fast track funding

To avoid on street parking and reduce congestion, a new Multi-Story Parking facility has been constructed and made operational in Addis Ababa.

- ▶ Partial Funding from UNDP
- ▶ Climate resilient Transport Sector Strategy is finalized
- ▶ Public fund

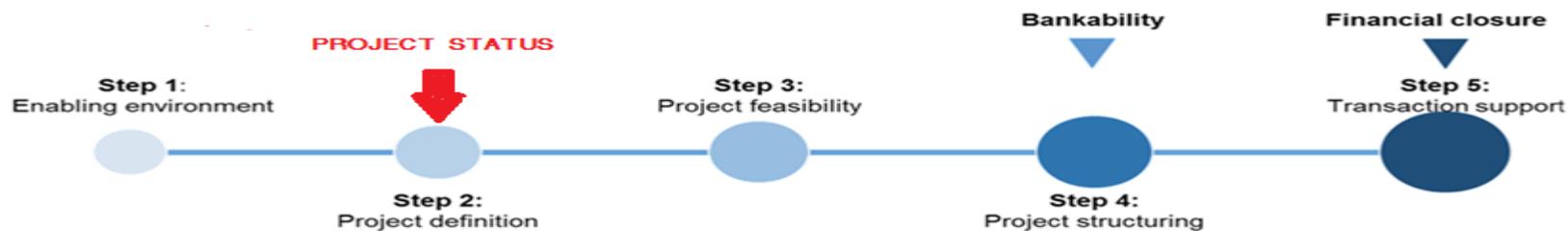
GHG emission measurement from transport sector underway



4.1. Electric Buses under consideration

- ▶ 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

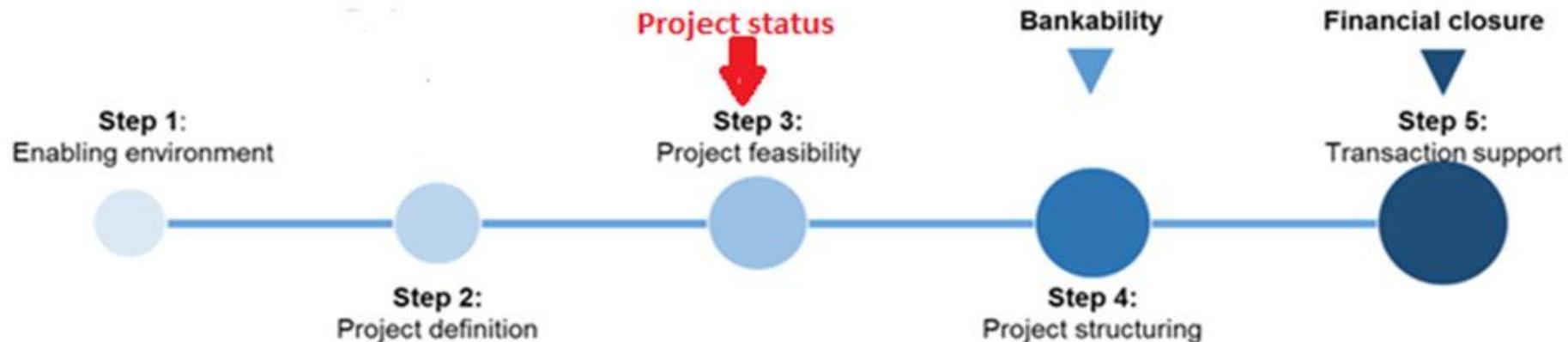




2. Walking and Cycling

- ▶ Walking has been and still is the main mode of transport for the majority of Ethiopians.
- ▶ The aim of this program is to maintain the high modal share of walking and to increase the modal share of cycling.

Current project development stage



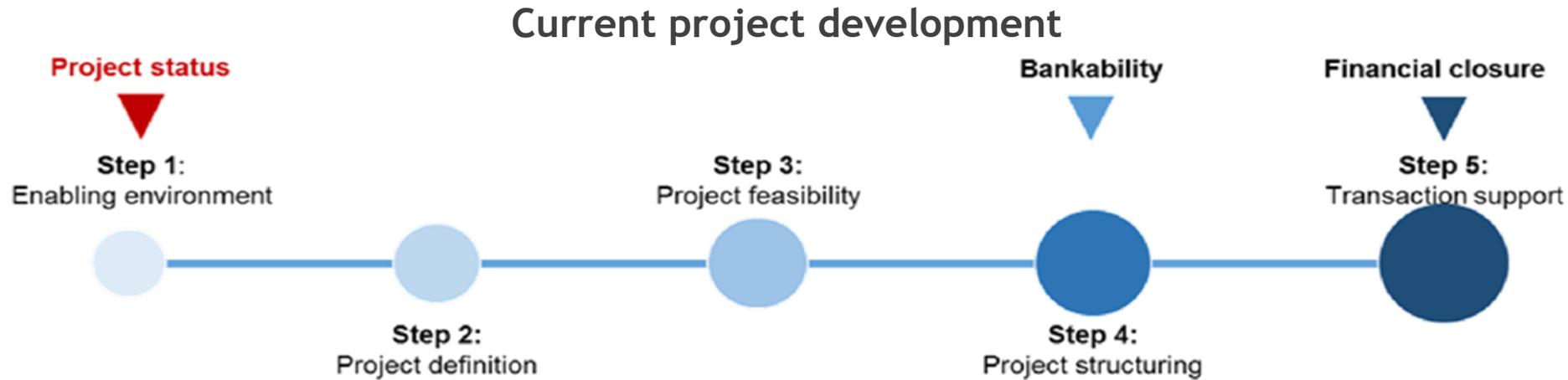


3. Vehicle Emissions

- ▶ Motorized passenger vehicles in Ethiopia old and inefficient, resulting in significant emissions.
- ▶ Lack of stringent vehicle emission standards under business as usual scenario, (vehicle emissions will continue to rise as the current fleet of cars, trucks and busses ages).
- ▶ Program objective:
 - ▶ Implement inspection and maintenance activities
 - ▶ Testing and upgrading a large proportion of motorized vehicles in Addis Ababa and other major urban centers.



Vehicle Emissions



► The major concern

- Limited funding to these initiatives.
- Look into financial support towards the realization of these projects.