

TUMI projects in Addis Ababa & Dar es Salaam



December 2018



Transformative
Urban Mobility
INITIATIVE



ITDP
Institute for Transportation
& Development Policy

Dar es Salaam City Navigator



Before: Public transport service provided by 5,000 daladalas



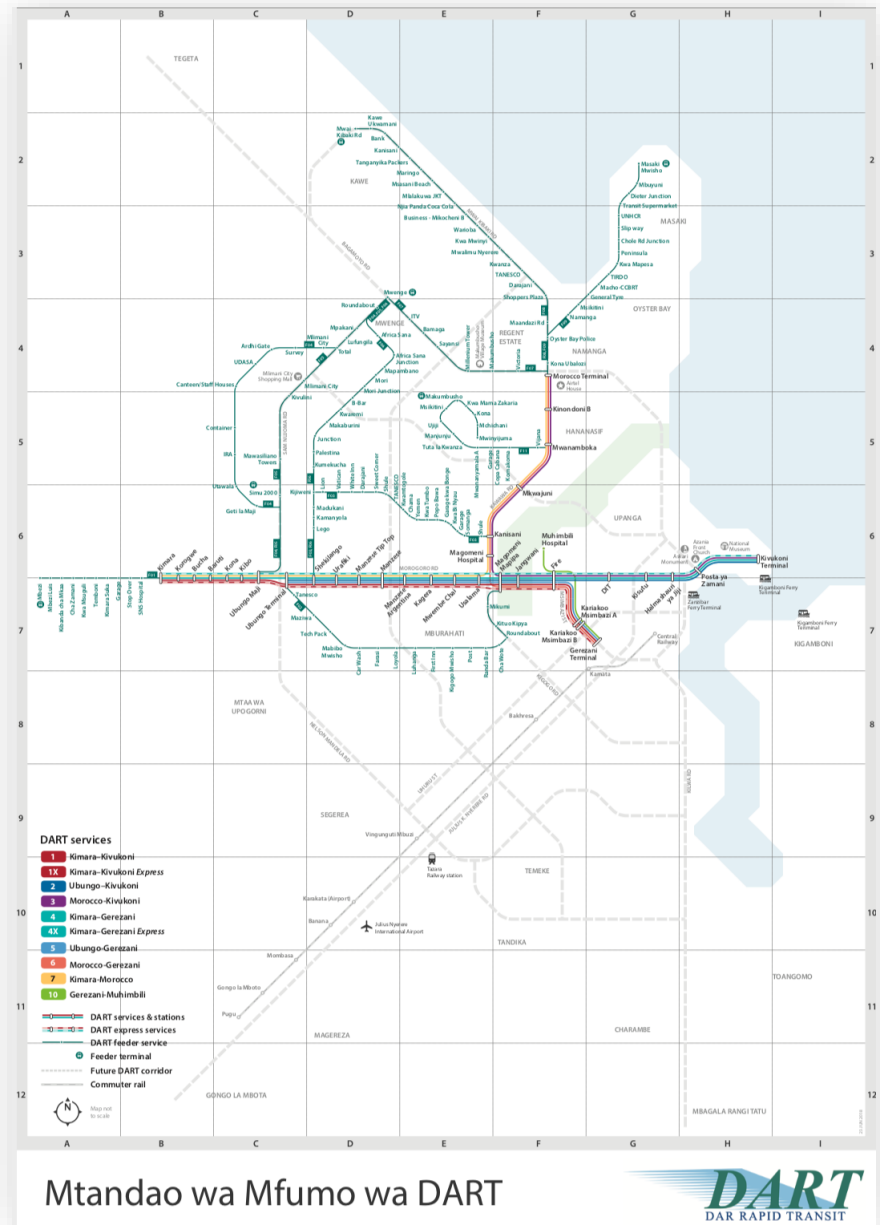
After: Cleaner, newer buses; efficient and reliable DART service carrying 200,000 passengers a day; trip time from 2 hours to 45 minutes



DART services

- BRT services
 - 7 trunk
 - 2 trunk express
 - 1 complementary
- Integrated feeder network
- DART fares (TZS):

	Regular	Student
Trunk	650	200
Feeder	400	200
Trunk + feeder (with smart card)	800	400



Dar City Navigator

- Integrated public transport customer information platform: smartphone, web, SMS
- Consultative design process
- Open source system data for use by third-party developers (GTFS format)



City Navigator functionality

- DART system information
 - Trip planning
 - Route & schedule information
 - System maps
- User feedback
- User surveys
- Incident reporting (e.g., sexual harassment)
- Tourist guide



Addis Ababa bikeshare



Addis Ababa NMT Strategy



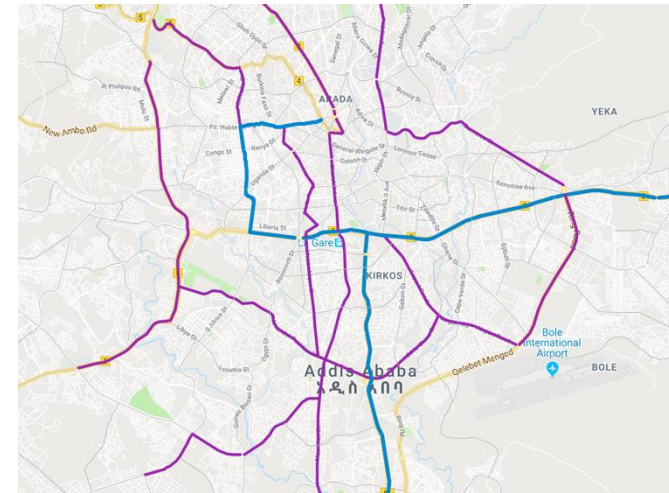
- Ambitious roadmap to improve the walking & cycling environment
- Goals:
 - Reduced fatalities from crashes
 - Increased mode share for NMT
 - Improved gender inclusion
 - Reduced emissions
- 10-year targets:
 - 600 km of high-quality walkways
 - 200 km of cycle tracks
 - 10,000 shared bicycles
 - Revised street design guidelines
 - Outreach & communication (e.g., monthly car-free days)
 - Capacity building for agency staff

National & local policies supporting NMT

- In 2011, the government of Ethiopia finalised the Climate Resilient Transport Sector Strategy, the first of its kind in Africa
- This Strategy builds on the Growth and Transformation Plan (GTP) (2016-2020)
- The Transport Policy of Addis Ababa calls for giving "special attention to non motorised transport"
- The Addis Ababa Master Plan calls for higher quality walking and cycling facilities

Objectives of bicycle sharing

- Serve short trips in central Addis Ababa
- Improve last-mile connectivity to LRT, BRT, bus terminals, and public taxi stops
- Increase the mode share of cycling
- Transform the image of cycling
- Promote the use of active transport, helping to improve public health
- Reduce congestion and improve air quality

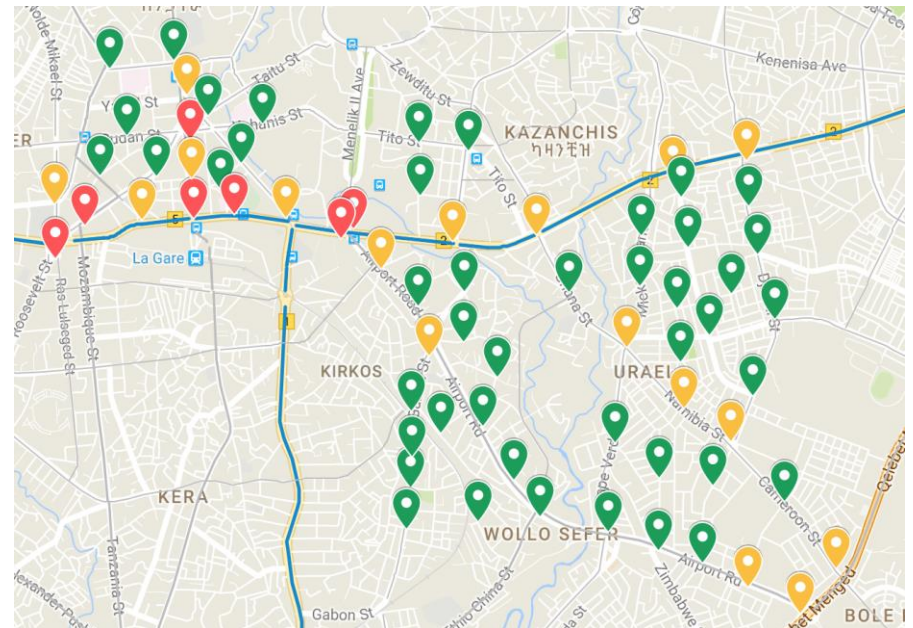


LRT & planned BRT network



Addis Ababa bikeshare system

- 500 cycles
- 69 stations
- 7.8 sq km phase 1 coverage area
 - Churchill
 - Mexico
 - Bole
 - Urael/Atlas

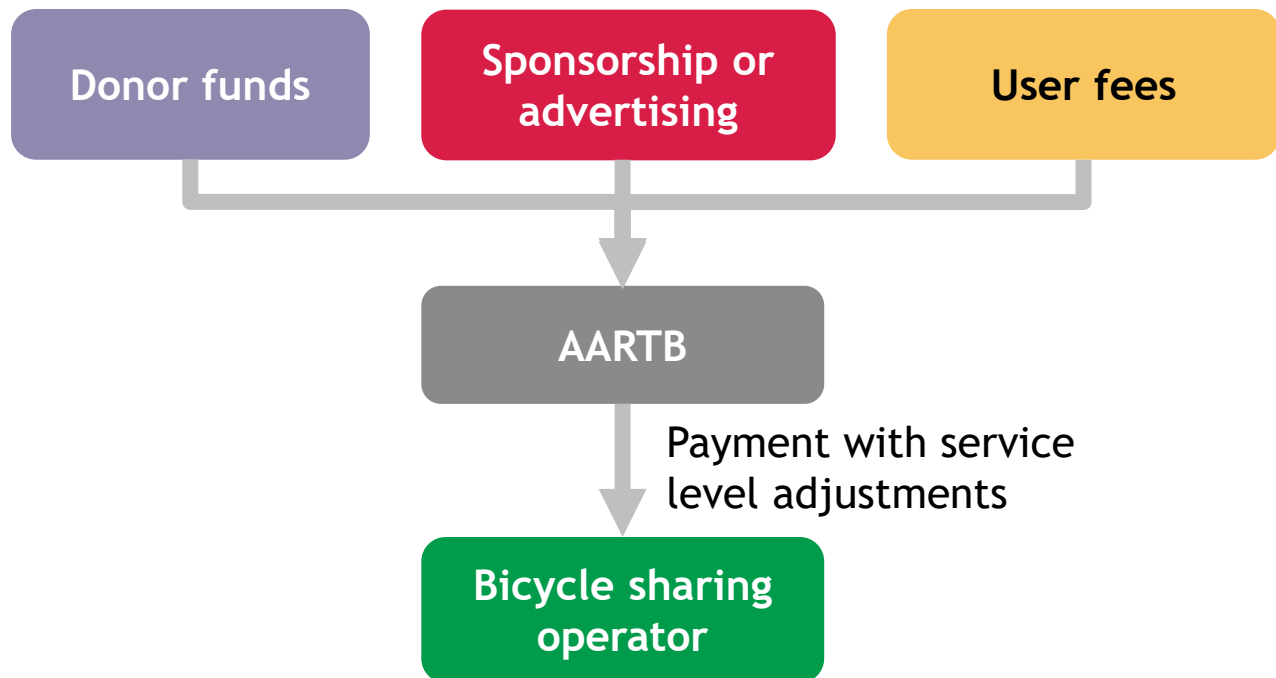


- Small station
- Small station
- Small station
- LRT

Bikeshare business model

- AARTB issues two contracts:
 - Bicycle sharing procurement & operations (6 years)
 - Advertising or sponsorship

Payment flows:



TUMI's role

- Capacity building for municipal staff
- Public participation during bikeshare system planning
- Cycle trainings with emphasis on encouraging women to ride
- Network plan and detailed design for dedicated cycle facilities within the bikeshare coverage area



Thank you

africa.itdp.org

Twitter: @itdpafrica

