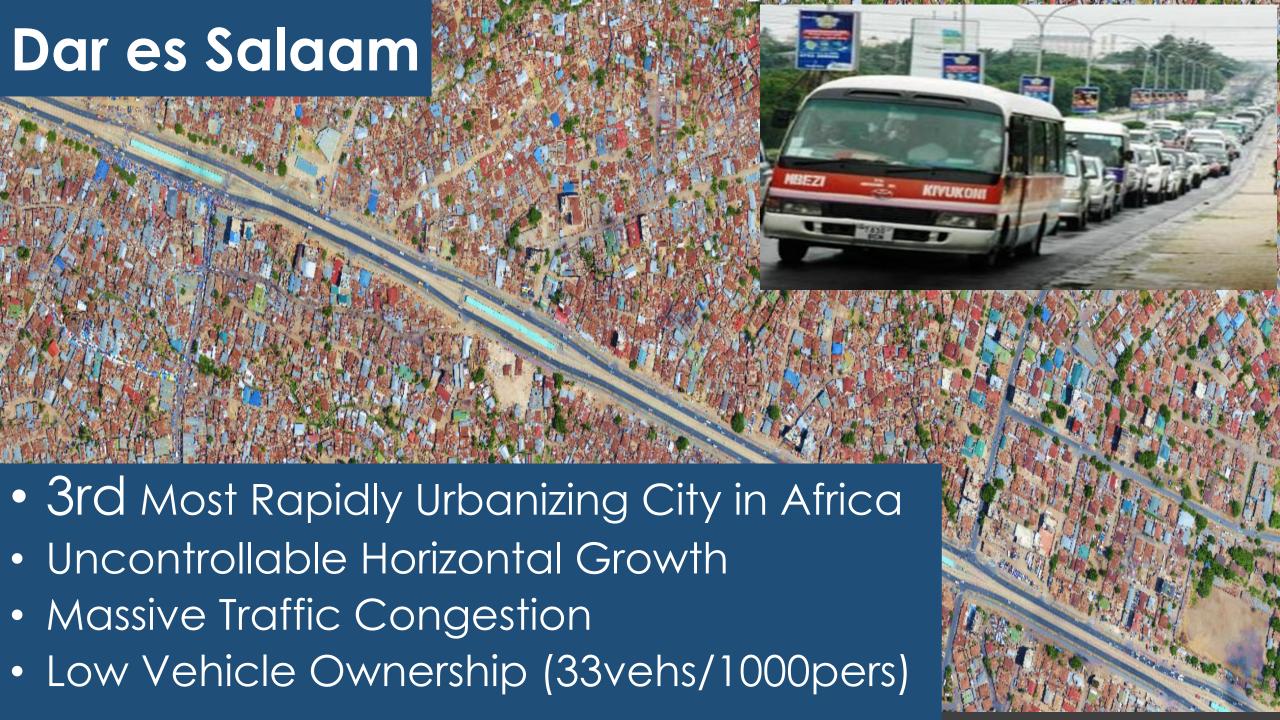
SSATP AGM - DAR ES SALAAM BRT SYSTEM IMPLEMENTATION OVERVIEW & CHALLENGES

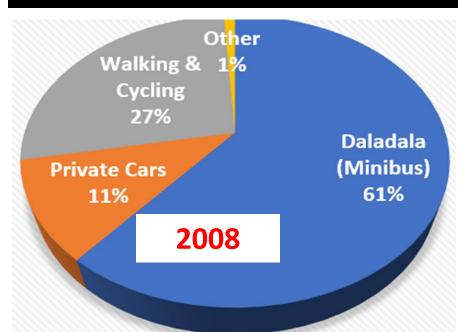
Transport

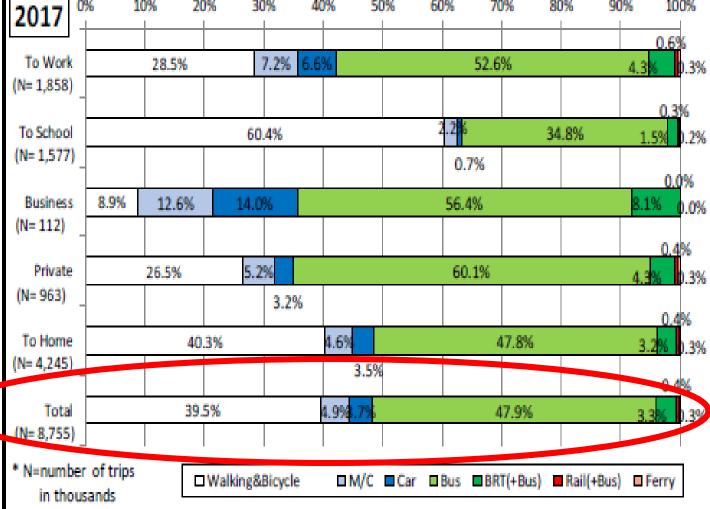
Global Practice
Smart Connections for All

Yonas E. Mchomvu Snr. Transport Specialist Dar es Salaam - Tanzania @Yonas_TZ1



A Case for Exclusive Public Transport Infra: Modal Split!

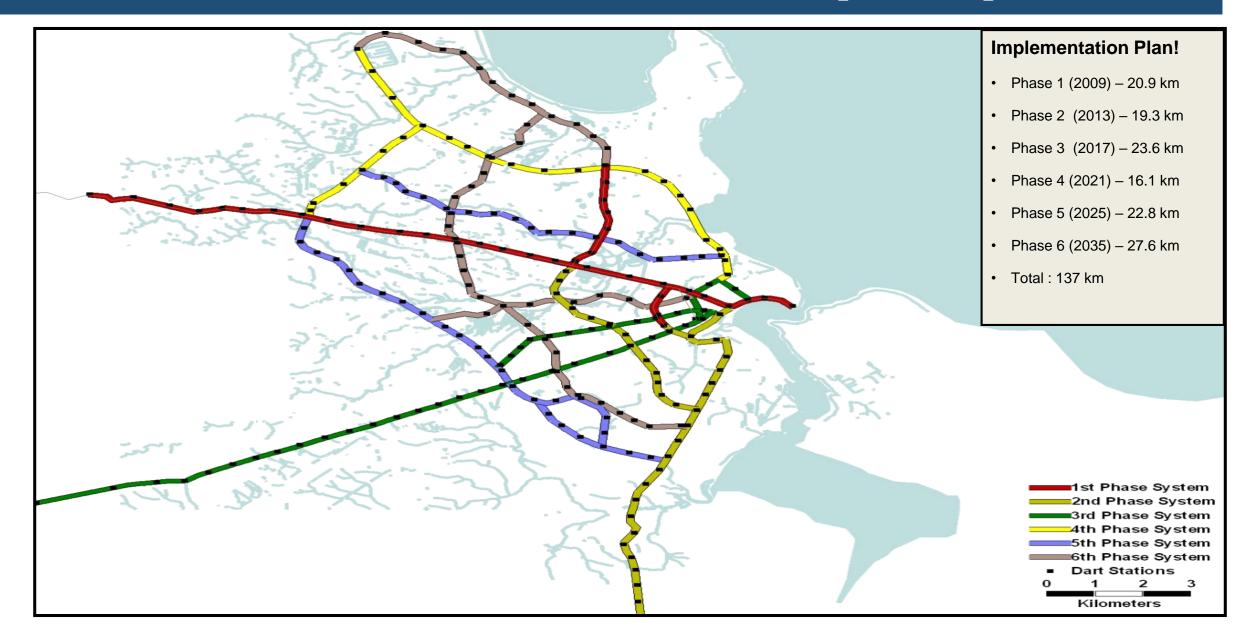




100%

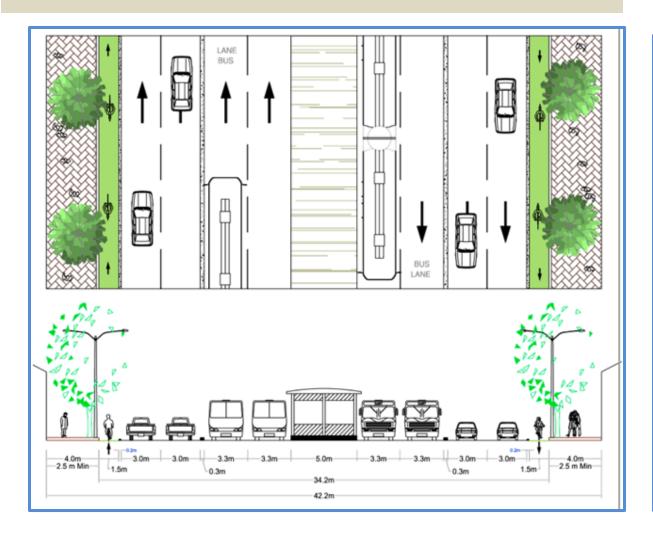
Modal Split!

Approved BRT Trunk Network (2007)

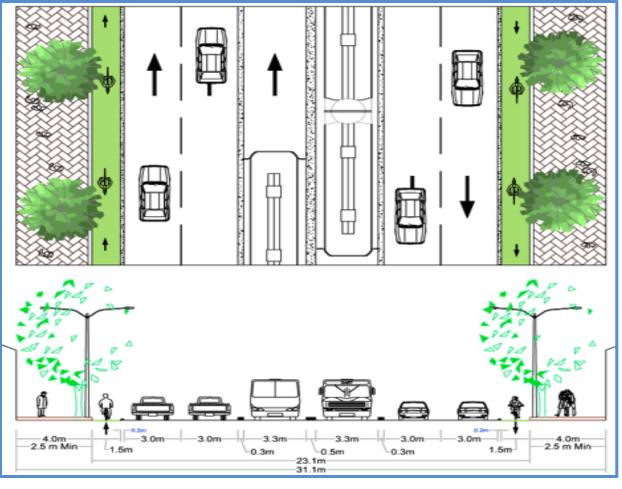


BRT Phase 1: Infra Features

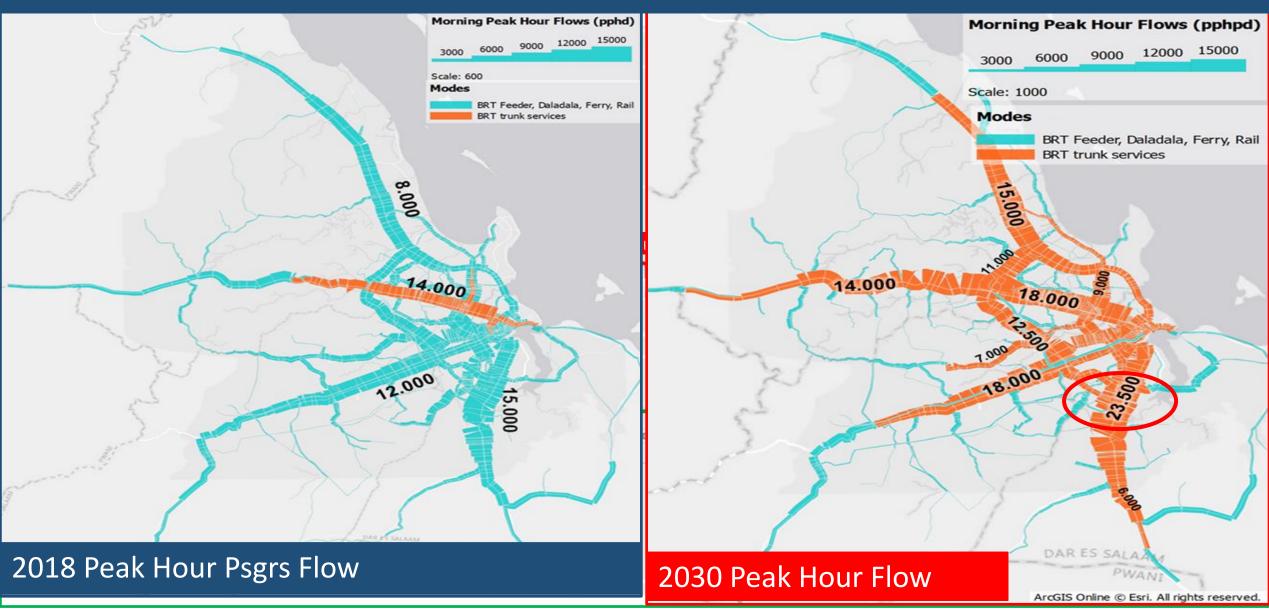
X-Section at Stations



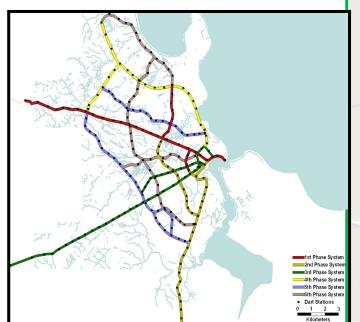
X-Section off-Station

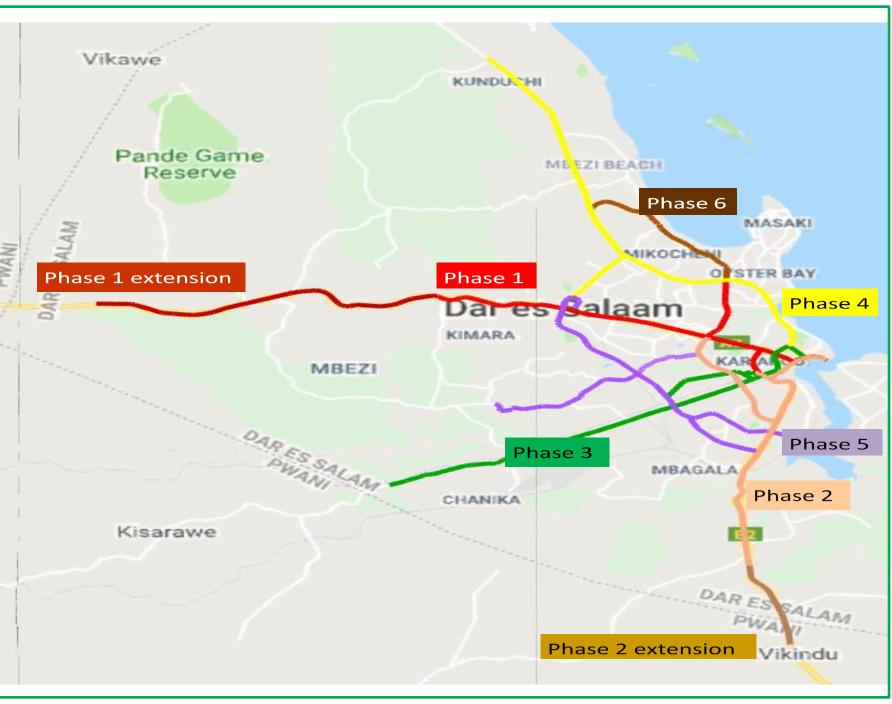


Public Transport Ridership Forecast (2030)

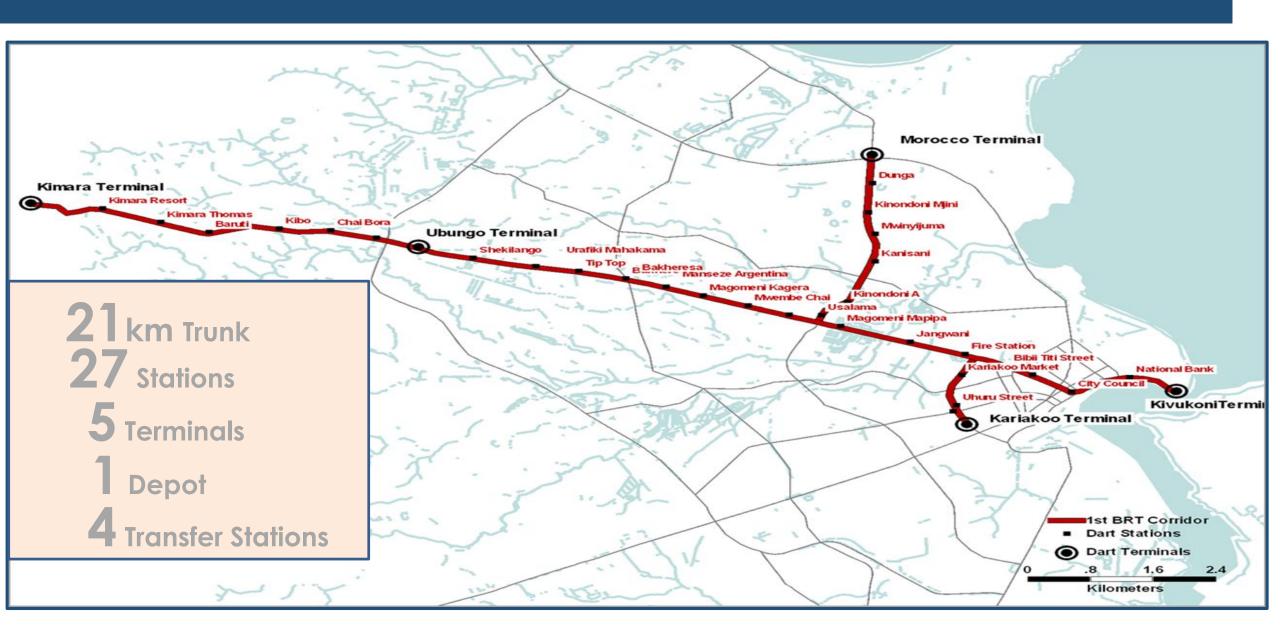


Updated Trunk system (2019)





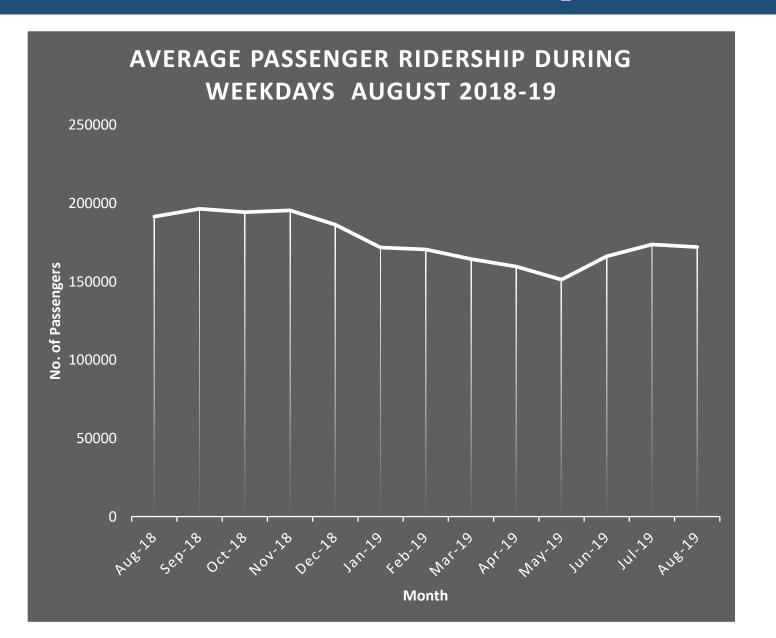
BRT Phase 1: 2008 - 2016



Overtaking Lanes at Stations and Off Peak Parking Lane at Terminals – Critical for Operation Efficiency



Interim Operations (from May 2016)





140 Bus Fleet

39 Articulated Trunk Buses (18m)

101 Rigid Buses (12m)

70 to 185 kppd Ridership Growth

200 Million

Cumulative Passenger Trips







SUCCESS STORY: Dar es Salaam secured ITDP Sustainable Transport Award 2018 First African City to be awarded (Mobilize Conf. June 26-29, 2018)

PPP Structure for Full BRT Operations

- Bus Operator(s)
 - Trunk: 177 Articulated 18-m buses (@150psgr capacity)
 - Feeder: 128 Rigid 12-m buses (@80psgr capacity)
- Automated Fare Collection system (AFCS)
 - Cancelled bid
- Fund Manager:
 - Contracted

Ridership GOAL:

Over 400,000 psgrs per day!!

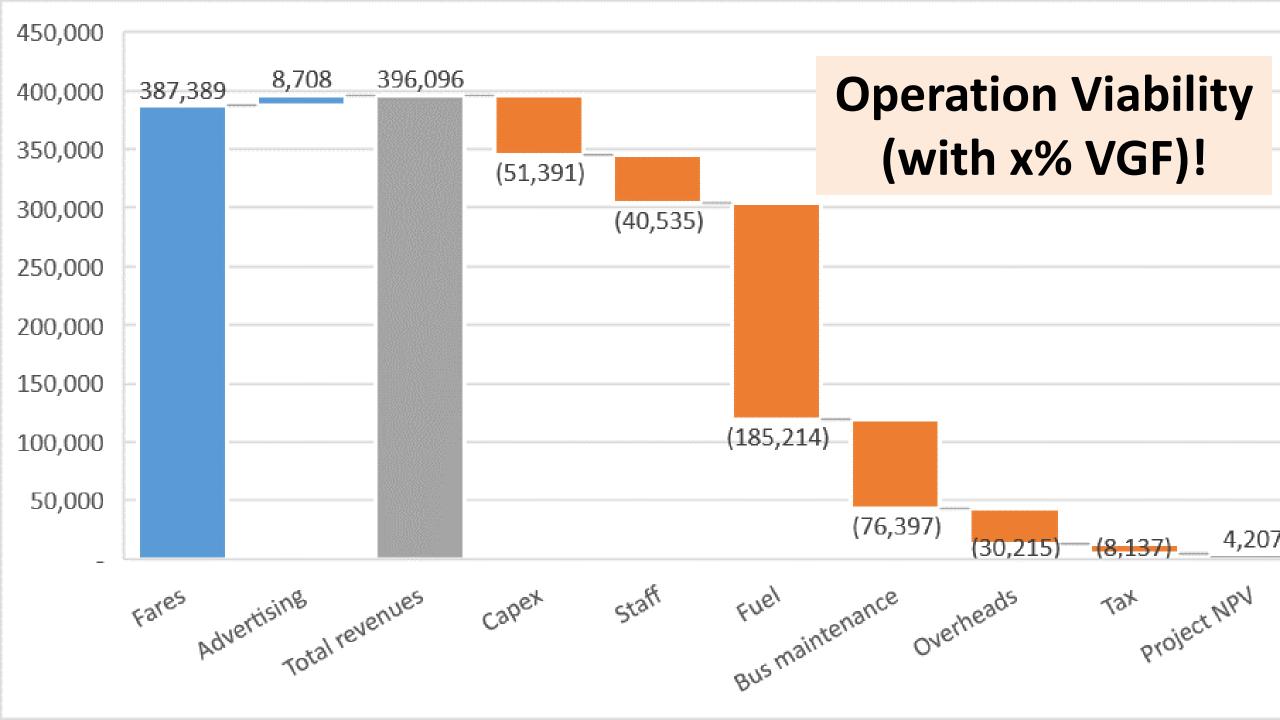
(1) Operations Challenge: Victim of Own Success!?





(2) PPP Challenges

- Bus Operator(s)
 - 2018 Bidding for 2nd Operator Failed (Unsustainable Risk Allocation)
- Updating Operations PPP Feasibility Studies in 2019
 - Fare: Low Fare levels & Adjustment challenges (Political and Income) Operators' Remuneration ('Access Fees' versus 'Per-km')
 - Govt Support Critical <-> Viability Gap Funding (VGF)
- Automated Fare Collection system (AFCS)
 - Govt developing own AFCS system <-> due diligence!



(3) Flooding Disaster Management!

Response:

- Emergency Response Management & Protocals
- Rerouting of BRT Buses & Minibus Bridge
- Msimbazi Opportunity Plan (MOP) Transport & Urban Development Interventions

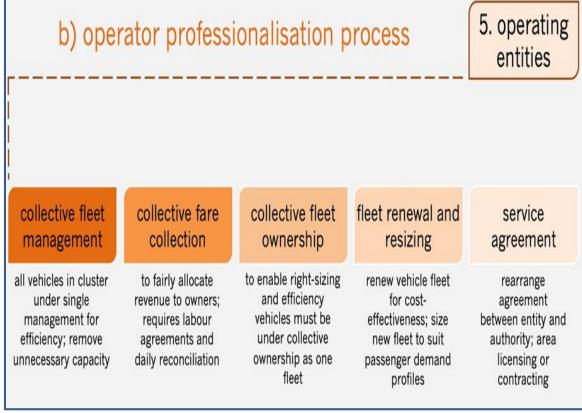


(4) Minibus Transformation Puzzle

BRT1 Quick Solution (??)



Systematic Strategy for Next Phases!



(5) Institutional Issues

- Dar BRT Conceived by Dar City Council Champion Mayor
- DART Created by PORALG under Executive agencies act (solid reporting line to Central Govt)
- DART semi-autonomy <-> Ministry Decides
- HR Issues:
 - Not able to attract right skills from market
 - Staff Turnover staff incentive and retention?
 - Accountability (staff decisions not directly under DART)
 - Compensation and benefit issues
- Autonomy & stronger ties with LGAs critical for (i) streamlining decision making and (ii) collaboration in Land-Use Planning (TODs etc)

Ongoing Impact Evaluation studies (Data 2016 todate):

Impact of BRT to Poverty: Rental and Fare subsidy to

