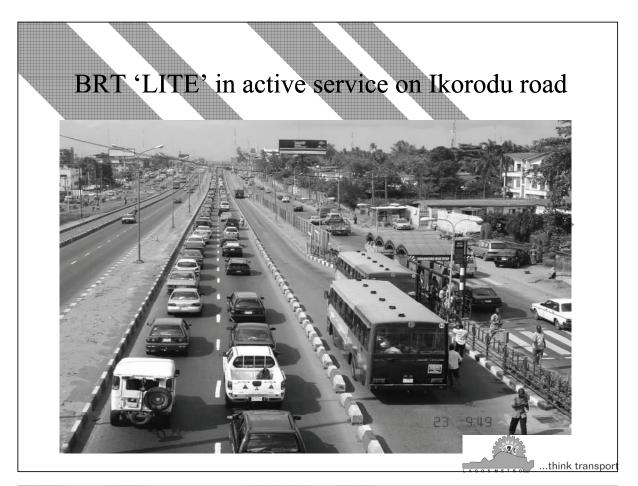


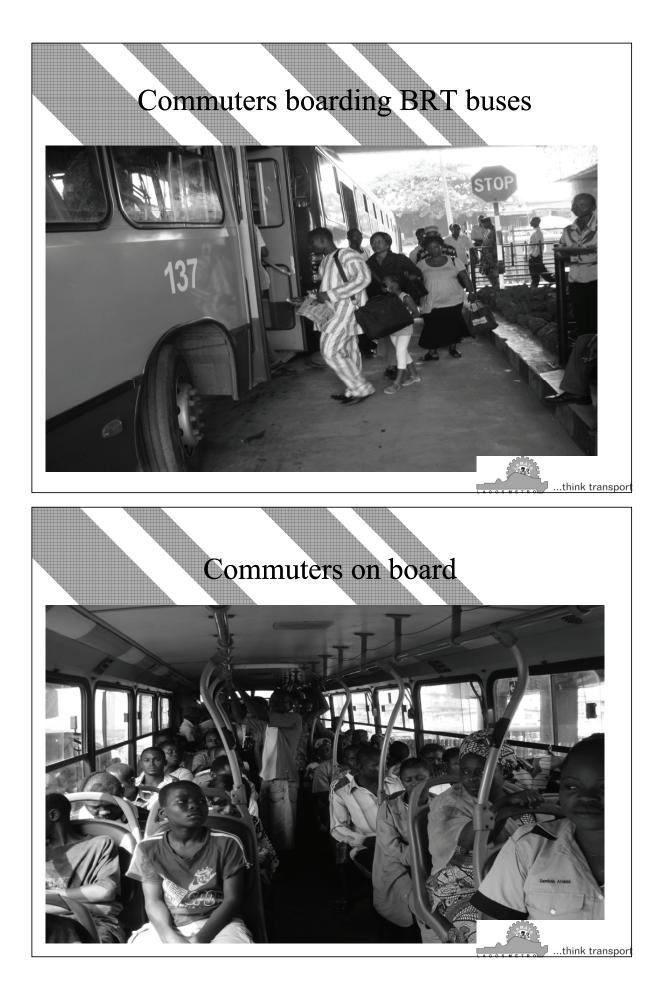
LASTMA's role – Traffic
Management, Breakdowns
and Enforcement

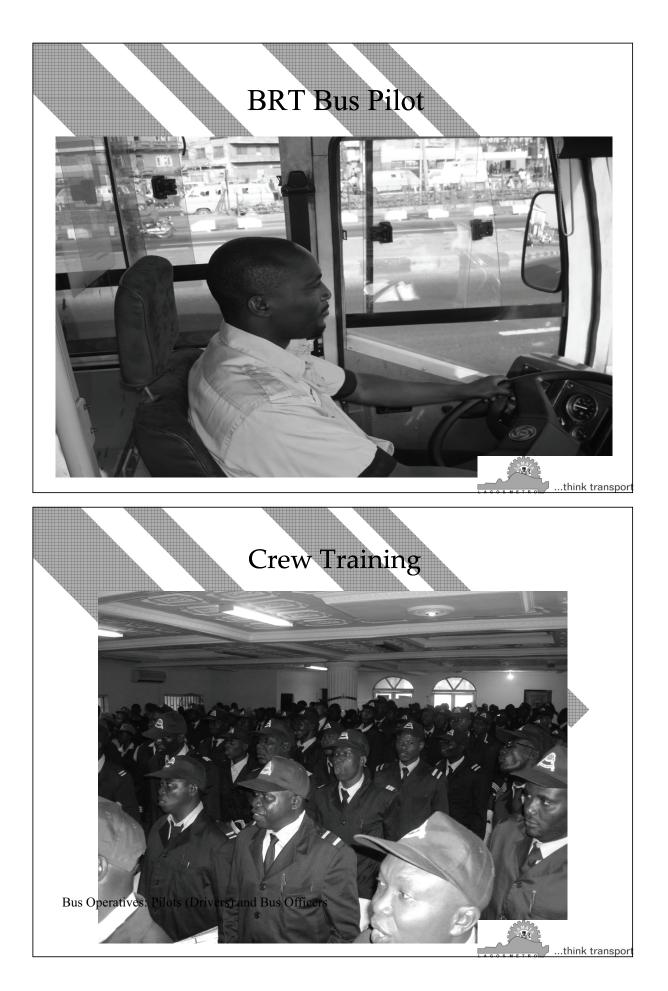
- ✤ Fares 2 zone system
- Security outsourced
- Monitoring /Compliance team

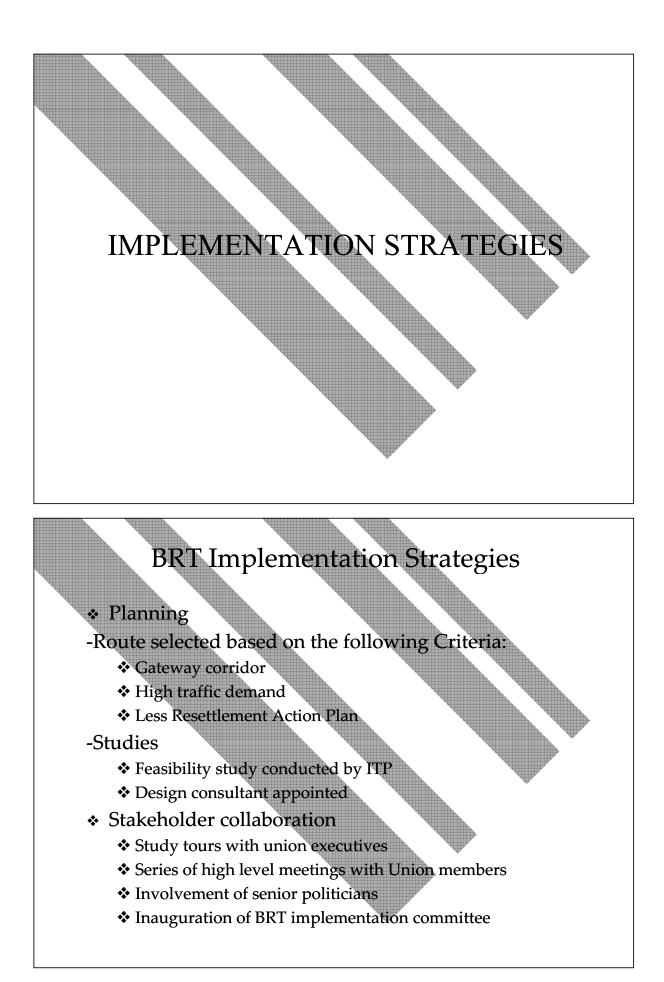
.think <u>transport</u>

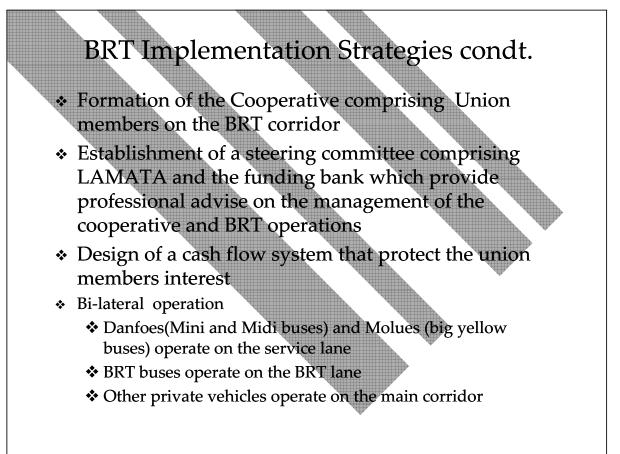


Compa	rison of	the large	est BF	RT svs	stems wor	ldwide
Comparison of the largest BRT systems worldwide						
NAMES	CITY	COUNTRY	LENG TH (KM)	РОР	PEAK HOUR ONE WAY	DAILY TWO- WAY
TransMilennio	Bogota	Colombia	84	7m	45,000	1,300,000
Assis Brazil Busway	Porto Alegre	Brazil	4.9	3.7m	28,000	290,000
Metrobus! EL Trole	Quito	Ecuador	16.1	1.8	7,000	240,000
BRT Lite	Lagos	Nigeria	22	17	10,000	220,000
9 de Julho Busway	Sao Paulo	Brazil	7	10	35,000	196,000
Sul Busway	Curitiba	Brazil	10.1	2.7	13,000	156,000
SE Busway	Brisbane	Australia	17	1.7m	18,000	150,000
Blok M Kota Line 1	Jarkata	Indonesia	12.9	9.8m	6,500	100,000
Megabus	Pereira	Columbia	16.7	0.7m		45,000
Adelaide O-bahn	Adelaide	Australia	3	1.1m	4,000	30,000



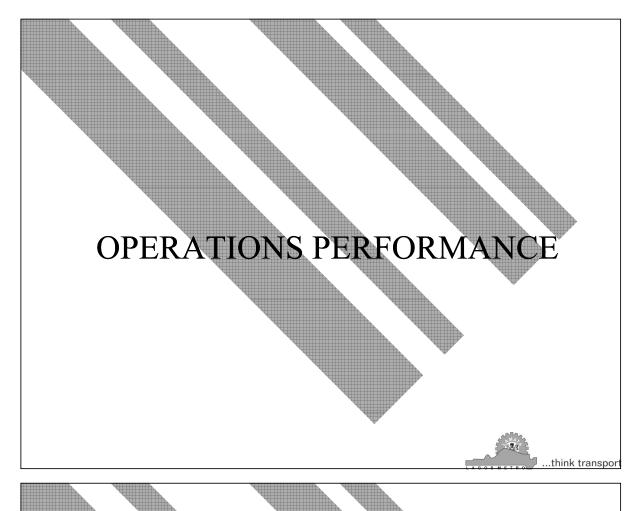






## BRT Implementation Strategies condt.

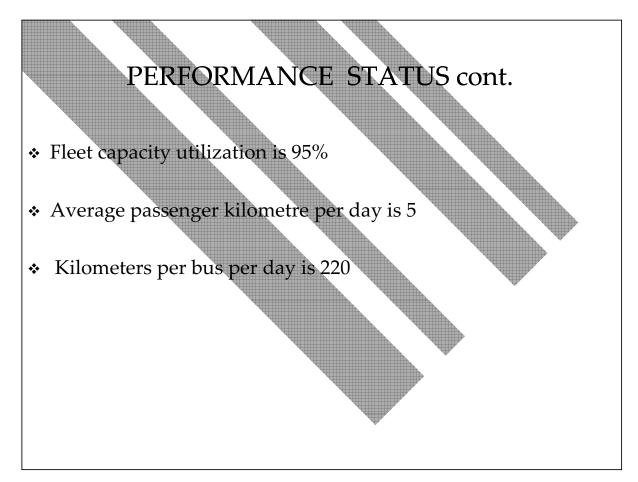
- The union acquired 100 buses for operation through bank guarantee from Eco-bank
- 120 more buses leased from Lagbus (Asset company)
- Cooperative recruited mainly union members for their operations
- Recruited members where trained by LAMATA on the running and management of BRT
- LAMATA also recruited professionals that where seconded to the cooperatives to assist on the job training
- LAMATA provided start up assistance by providing uniform, payment of salaries, training etc



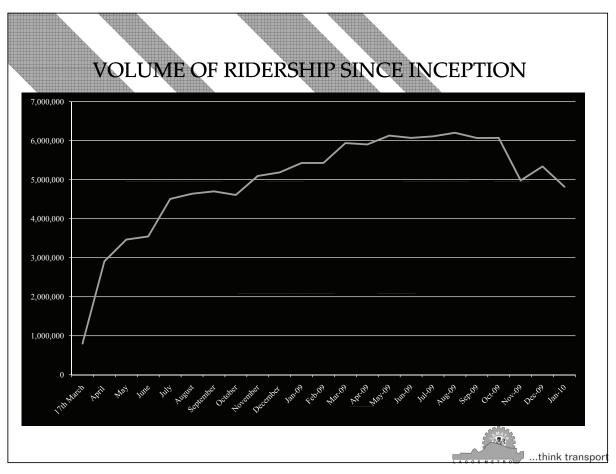
## **Performance Status**

- Daily ridership well exceeds 220,000
- Average Load factor of 1000 passengers carried per bus per day
- Average trip per bus per day is 5
- Average waiting time of 15mins
- Average journey time of 55mins
- Over 113 million ridership since inception

think tra<u>nspor</u>

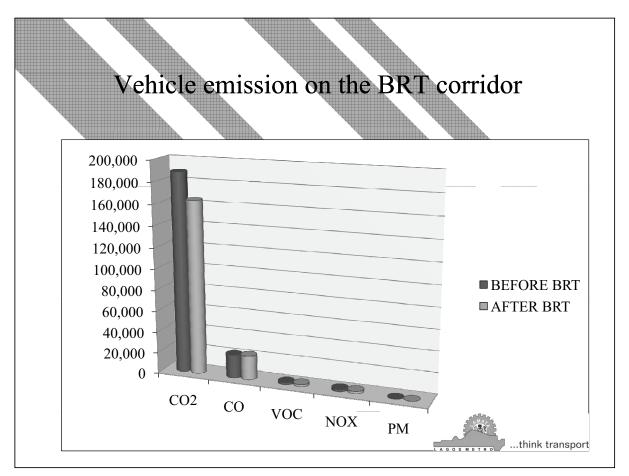


RIDERSHIP FROM INCEPTION				
		MONTHS (2009)	PASSENGERS	
MONTHS(2008)	PASSENGERS	JANUARY	5,427,776	
MARCH 17 <sup>TH</sup> – END	800,254	FEBRUARY	5,429,663	
APRIL	2,908,134	MARCH	5,938,250	
MAY	3,465,276	APRIL	5,904,332	
JUNE	3,545,196	MAY	6,130,344	
JULY	4,506,286	JUNE	6,070,787	
AUGUST	4,639,876	JULY	6,111,135	
SEPTEMBER	4,701,847	AUGUST	6,202,318	
OCTOBER	4,608,254	SEPTEMBER	6,067,900	
NOVEMBER	5,096,426	OCTOBER	6,070,365	
DECEMBER	5,186,413	NOVEMBER	4,980,493	
		DECEMBER	5,338,970	
		JANUARY 2010	4,818,777	
		TOTAL	113, 949, 072	

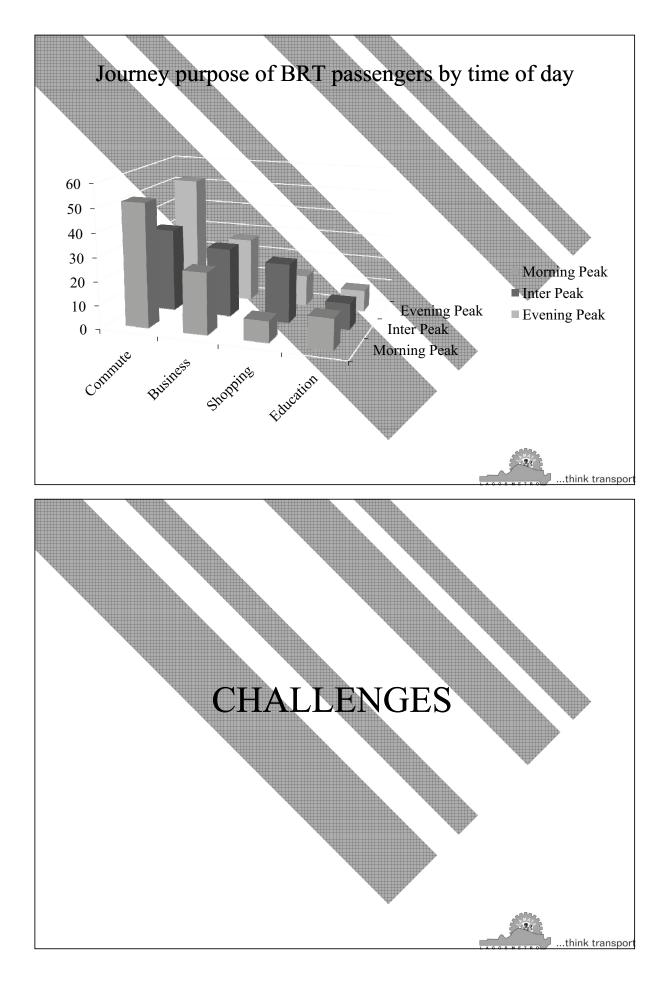


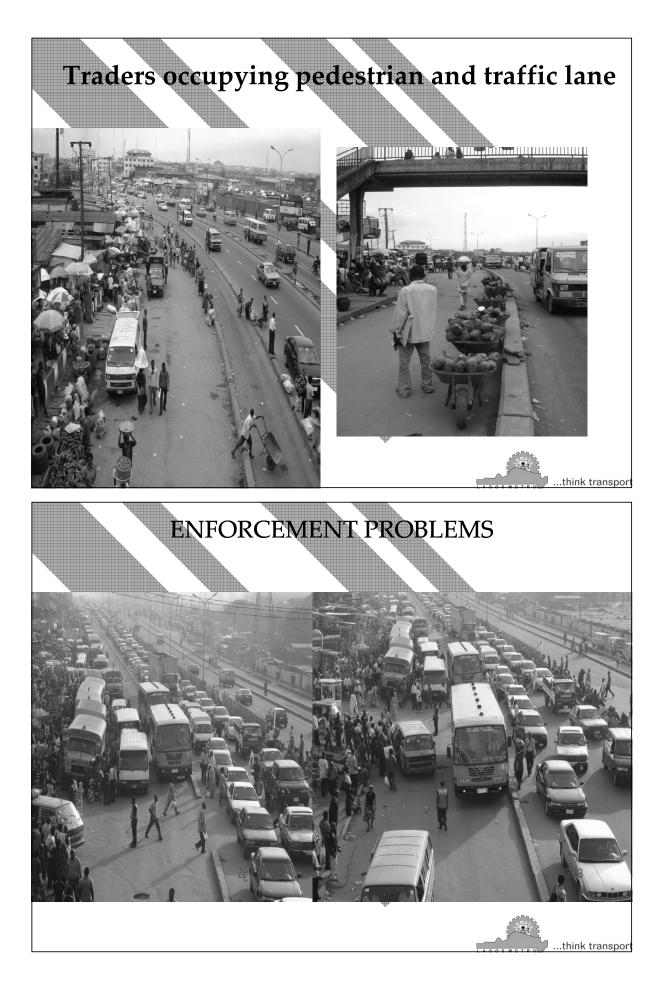
Vehicle emission	on the BRT corridor (tons/yr)
veniele chiission	on the Bier contaol (tons/yr)

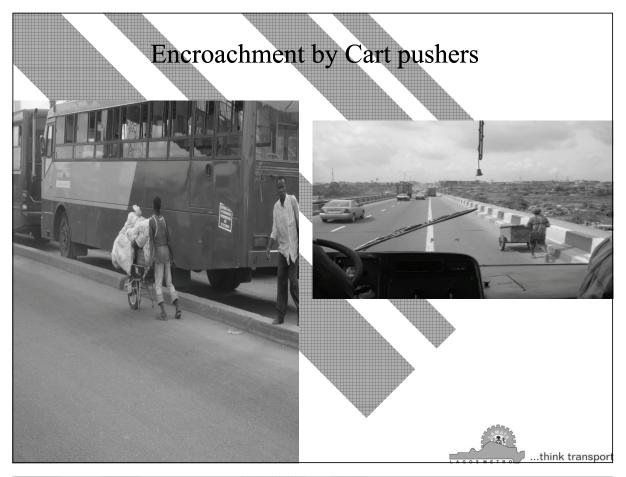
Pollutant	2006 "Before"	2008 "After"	Changes	Change (%)
CO <sub>2</sub>	188,972	164,295	-24,677	-13%
СО	22,210	22,788	578	3%
VOC	2,166	2,137	-29	-1%
NOx	2,359	2,343	-16	-1%
PM	68	35	-33	-48%



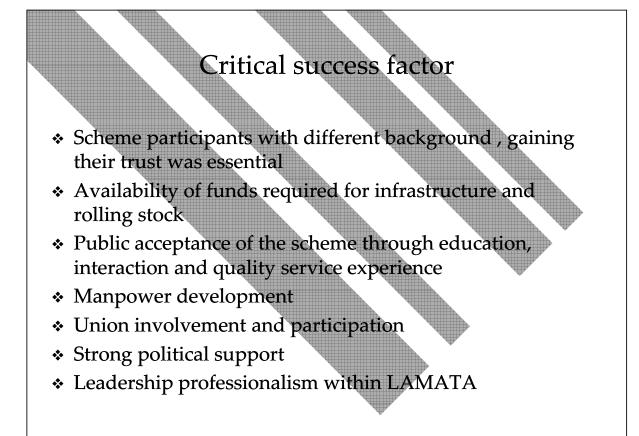
Journey purpose of BRT Lite passengers by time of day					
	Morning Peak	Inter Peak	Evening Peak		
Work	52%	35%	52%		
Business	26%	29%	27%		
Shopping	9%	25%	13%		
Education	13%	11%	9%		
			think tran		







BRT CHALLENGES ANI	MITIGATION ACTIONS		
BRT CHALLENGES	MITIGANTS		
Ticketing Issues	Introduction of electronic ticketing is being pursued		
Deterioration of BRT lane	BRT lane rehabilitation works commenced and expected to be completed in March 2010		
Crew misbehavior	Enhanced re-training programme for the crew is being planned		
Frequent damage to BRT shelters	Rehabilitation of BRT shelters to begin mid - February		
Deterioration of facilities at BRT depot	Rehabilitation of BRT depot to begin mid- February		
Change Management	Consultant recently appointed for restructuring of management of the BRT scheme		
Poor maintenance of bus body	Arrangement being made to re-fleet		
Violations on the use of the BRT lane	Enforcement of the BRT is being reinforced		
Safety and security issues	Intensified collaboration with enforcement agencies.		





- Daily ridership well exceeds 220,000
- Average waiting time of 10mins
- Over 113 million ridership since inception
- Reduction of travel time by 30%
- Building private sector capacity
- Generation of over 2,000 employment (Direct& Indirect)

- Fare affordability resulting to poverty alleviation
- Reduction in air pollution along the corridor by 13%

