

Cleared by SFC

- 16 Sept 14

Project
Negotiation

- 11 Nov 14

GEF agreement
signing

- 31 May 16

Project
Effectiveness

- 29 Aug 16

Project end date

- 31 Dec 18

Discussion on indicators

Efficient and Sustainable City Bus Services Project (ESCBSP) – Progress & Concerns

PMU, Ministry of Urban Development (MoUD)

4 September 2017, New Delhi



Fleet and Ridership per day

Indicator	Baseline (PAD)	2016		2017		Cities
		Q3	Q4	Q1	Q2	
Buses						
	225	277	225	225	225	Bhopal
	407	407	407	407	407	Jaipur
	392	392	392	392	392	Chandigarh
	63					Mira Bhainder
(lakhs)						
Ridership	1.0	0.67	0.54	0.7	0.86	Bhopal
	2.0	1.5	1.49	1.58	1.76	Jaipur
	2.0	1.64	1.43	1.59	1.56	Chandigarh
	0.7	0.25	0.24			Mira Bhayandar

Fleet Availability and P-kM carried

Indicator	Baseline (PAD)	2016		2017		Cities
		Q3	Q4	Q1	Q2	
Pass-km/day (lakh)						
	5.65	4.91	3.61	4.36	5.1	Bhopal
	4.34	4.03	4.01	4.21	4.56	Jaipur
	15.80	14.74	12.35	14.58	14.62	Chandigarh
		8186139	6826752			Mira Bhayandar
Fleet availability (bus on road /held)	35%	33%	30%	27%	23%	Bhopal
	84%	58%	48%	64%	74%	Bhopal (derived)
	83%	87%	91%	91%	90%	Jaipur
	1.99	1.49	1.3	1.44	1.41	Chandigarh
	50%	67%	76%	69%	70%	Chandigarh (derived)
						Mira Bhayandar

PRODUCTIVITY & BREAKDOWNS

Indicator	Baseline (PAD)	2016		2017		Cities	Remarks
		Q3	Q4	Q1	Q2		
Productivity km per bus per day							
	164	116	94.5	125.4	154	Bhopal	
	211	213	212	232	233	Jaipur	
	206	201	196	202	209	Chandigarh	
						Mira Bhayandar	
Breakdowns per 10,000 km							
	4.2	3.71	4.08	3.62	3.31	Bhopal	All figs
	7.38	10.22	8.25	6.65	8.29	Jaipur	appear 10x
	6.8	8.5	6.8	8.2	9.4	Chandigarh	higher
	7.5					Mira Bhayandar	
Accidents per lakh km							
	0.29	0.25	0.51	0.4	0.55	Bhopal	
	0.21	0.09	0.13	0.1	0.18	Jaipur	
	6.82	10.31	5.75	3.51		Chandigarh	decimal error ?
						Mira Bhayandar	

Fuel efficiency, Cost per Bus-kM

Indicator	Baseline (PAD)		2016		2017		Cities	Remarks
			Q3	Q4	Q1	Q2		
Fuel efficiency	3.2	N-AC	3.1	3.4	3.3	3.3	Bhopal	
		AC	1.8	1.9	1.9	1.9	Bhopal	
	2.76 (overall)	AC If	1.87	2.04	2.13	1.84	Jaipur	
		N-AC If	3.15	3.22	3.18	3.21		
		N-AC Mini	4.53	0	4.5	4.12		
		AC-Mini	5.35	7.33	7.81	5.31		To verify
		Std FE If	3.63	3.6	3.81	3.69		
	3.4		3.3	3.7	3.8	3.5	Chandigarh	
	2.8		1.75	2.96			Mira Bhayandar	
Rs per bus kM	24.2		25.82	34.35	28.5	27.8	Bhopal	
	35.54		37.2	42.67	34.54	42.56	Jaipur	VGF ?
	62.93		64.58	63.99	56.56	54.93	Chandigarh	
							Mira Bhayandar	

Costs and Revenue

Indicator	Baseline (PAD)	2016		2017		Cities	Remarks
		Q3	Q4	Q1	Q2		
Rs per pax km							
Cost	1.39	1.38	2.02	1.84	2.1	Bhopal	
	5.86	6.07	7.56	6.84	6.82	Jaipur	
	0.37	0.27	0.31	0.24	0.24	Chandigarh	
						Mira Bhayandar	
Rs per bus km							
Revenue	28	27	36.05	30.82	28.2	Bhopal	
	23.98	24.9	22.67	19.85	23.42	Jaipur	Exclude VGF
	30.61	24.08	21.61	23.05	25.66	Chandigarh	
						Mira Bhayandar	

OPERATING RATIO

Indicator	Baseline (PAD)	2016		2017		Cities	Remarks
		Q3	Q4	Q1	Q2		
Rev per pax km							
	1.4	1.44	2.12	1.9	2.2	Bhopal	
	3.95	4.06	4.01	3.93	3.75	Jaipur	
	0.18	0.1	0.1	0.1	0.12	Chandigarh	
						Mira Bhayandar	
Operating ratio							
Cost/Rev	0.85	0.95	0.95	0.92	0.98	Bhopal	
	1.48	1.49	1.88	1.74	1.82	Jaipur	
	2.06	2.68	2.96	2.45	2.14	Chandigarh	
						Mira Bhayandar	

Thank You

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