The World Bank
Efficient & Sustainable City Bus Services (P132418)

Implementation Status & Results Report

Efficient & Sustainable City Bus Services (P132418)

SOUTH ASIA | India | Transport & Digital Development Global Practice |
Global Environment Project | Investment Project Financing | FY 2015 | Seq No: 8 | ARCHIVED on 12-Jun-2018 | ISR32813 |

Implementing Agencies: Ministry of Urban Development, Department of Economic Affairs

Key Dates

Key Project Dates

Bank Approval Date:09-Dec-2014   Effectiveness Date:29-Aug-2016

Planned Mid Term Review Date:28-Aug-2017   Actual Mid-Term Review Date:28-Aug-2017

Original Closing Date:31-Dec-2018   Revised Closing Date:31-Dec-2018

Global Development Objectives

Global Environmental Objective (from Project Appraisal Document)
The project's Global Environment Objective (GEO) is to improve the efficiency and attractiveness of city bus transport and reduce greenhouse gas emissions in the demonstration cities.

Has the Global Environmental Objective been changed since Board Approval of the Project Objective?
No

Components

Name
Component 1: National Capacity Building for Urban Bus Sector:(Cost $3.30 M)
Component 2A: City Demonstration Projects: Physical Improvements:(Cost $105.20 M)
Component 2B: City Demonstration Projects : Technical Assistance and Capacity Building:(Cost $2.90 M)
Project Management Cost:(Cost $1.70 M)

Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	● Moderately Satisfactory	● Moderately Satisfactory
Overall Implementation Progress (IP)	● Moderately Unsatisfactory	● Moderately Satisfactory
Overall Risk Rating	● Moderate	● Moderate

Implementation Status and Key Decisions

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The progress on the project continues to improve and with procurement of depot equipment substantially complete and ITS / MIS procurements well advanced in all cities.

Risks

Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	--	● Moderate	● Moderate
Macroeconomic	--	● Low	● Low
Sector Strategies and Policies	--	● Moderate	● Moderate
Technical Design of Project or Program	--	● Low	● Low
Institutional Capacity for Implementation and Sustainability	--	● Substantial	● Substantial
Fiduciary	--	● Substantial	● Substantial
Environment and Social	--	● Moderate	● Moderate
Stakeholders	--	● Moderate	● Moderate
Other	--	--	--
Overall	--	● Moderate	● Moderate

Results

Global Environmental Objective Indicators

▶ Reduction in GHG emissions in project cities over a period of 10 years as a result of adoption of modernisation initiatives from the Business as Usual (BAU) scenario(Metric ton, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1,094,430.00	--	--	230,000.00
Date	09-Jul-2014	15-Sep-2017	15-Jun-2018	31-Dec-2018

Comments
Methodology under finalization. Estimates will be developed end of project.

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▸ Rate of breakdowns to not exceed 5/10,000 kms(Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Bhopal:4.2; Chandigarh:6.6; Jaipur:7.38; Mira Bhayandar:7.5	--	Bhopal: 3.48; Chandigarh: 0.73; Jaipur: 9.27; Mira Bhayandar: 0.63	All demo cities
Date	09-Jul-2014	15-Sep-2017	10-Jun-2018	31-Dec-2018

▸ Improvement in bus fuel efficiency in demo cities by at least 15% relative to business as usual (Annual Average in overall fleet - Bhopal: 3.2; Chandigarh:3.4; Jaipur:2.76; Mira Bhayandar:2.8)(Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Bhopal - 3.2; Chandigarh - 3.4; Jaipur - 2.76; Mira-Bhayander - 2.8	--	Bhopal - 3.3 (3.1%); Chandigarh - 3.4 (0%); Jaipur - 3.3 (19%); Mira-Bhayander - 2.8 (0%)	15%
Date	09-Jul-2014	15-Sep-2017	10-Jun-2018	31-Dec-2018

Comments
The Business as Usual estimates for fuel efficiency are under development and that would be the basis for assessing fuel performance.

▸ Direct project beneficiaries(Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Bhopal - 100,000; Chandigarh - 200,000; Jaipur - 200,000; Mira Bhayandar - 70,000; Annual Ridership 180,000,000	--	Bhopal - 139,152; Chandigarh - 123,000; Jaipur - 139,000; Mira-Bhayander - 25,000	Annual Ridership = 235,000,000
Date	09-Jul-2014	15-Sep-2017	10-Jun-2018	31-Dec-2018

Comments
Share of women riders is estimated based on survey conduced in August 2017.

Bhopal - 39%, Chandigarh - 28%; Jaipur - 41%, Mira-Bhayandar - 43%

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Female beneficiaries (Ridership)(Text, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	--	--	Bhopal - 39%, Chandigarh - 28%; Jaipur - 41%, Mira-Bhayandar - 43%	3%

▶ Improvement in women's user satisfaction on a scale of 0-5, as compared to their current calculated index(Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Bhopal:3.56; Chandigarh: 3.51; Jaipur:3.07; Mira Bhayandar:2.42	--	Bhopal - 3.93; Chandigarh - 3.59; Jaipur - 3.21; MIra-Bhayander - 3.56.	Two cities
Date	09-Jul-2014	15-Sep-2017	15-Sep-2017	31-Dec-2018

Overall Comments

Intermediate Results Indicators

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▶ Policy notes and recommendations developed for sustainable city bus transportation and deliberations at national and state level initiated. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Under review	--	Activity ongoing	At least five workshops for discussion and deliberation held at national and state level
Date	09-Jul-2014	15-Sep-2017	10-Jun-2018	31-Dec-2018

▶ At least 50% NURM cities out of a total 67 cities are trained in/exposed to best practices in low-carbon programs including improved fuel efficiency techniques. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6.00	--	33.00
Date	09-Jul-2014	15-Sep-2017	15-Jun-2018	31-Dec-2018

Comments

In addition to the 6 cities that have undergone fuel efficiency training, various cities have benefited from the two knowledge management workshops organized by MoHUA. The data on this is being compiled.

▶ Increased use of ITS and MIS data and tools in operations planning and management (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Limited use of ITS/Manual systems for data reporting in place	--	ITS/MIS system procurement underway in all the cities.	ITS systems being used in all project cities; MIS reports developed and being utilized
Date	09-Jul-2014	17-Feb-2017	10-Jun-2018	31-Dec-2018

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▸ Modern depot equipment installed in all project cities (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Modern equipment not in place	--	Depot Equipment procurement substantially completed in all cities and supply, installation and commissioning underway.	Equipment installed and functioning in all cities
Date	09-Jul-2014	15-Sep-2017	10-Jun-2018	31-Dec-2018

▸ More efficient and user responsive bus service plans prepared and adopted in demo cities (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Service plans partially in place	--	Service Plans updated in Bhopal and procurement proposed in Chandigarh	Scientifically prepared service plans developed and used in all four cities
Date	09-Jul-2014	15-Sep-2017	10-Jun-2018	31-Dec-2018

▸ Demo cities have institutional systems in place for monitoring and evaluation of bus fuel efficiency program (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not in place; partially in Bhopal	--	Partially in place in Jaipur. In Chandigarh and Bhopal separate team has been put in place for managing the fuel efficiency program.	Institutional systems in place and functioning in all four cities
Date	09-Jul-2014	15-Sep-2017	10-Jun-2018	31-Dec-2018

Overall Comments
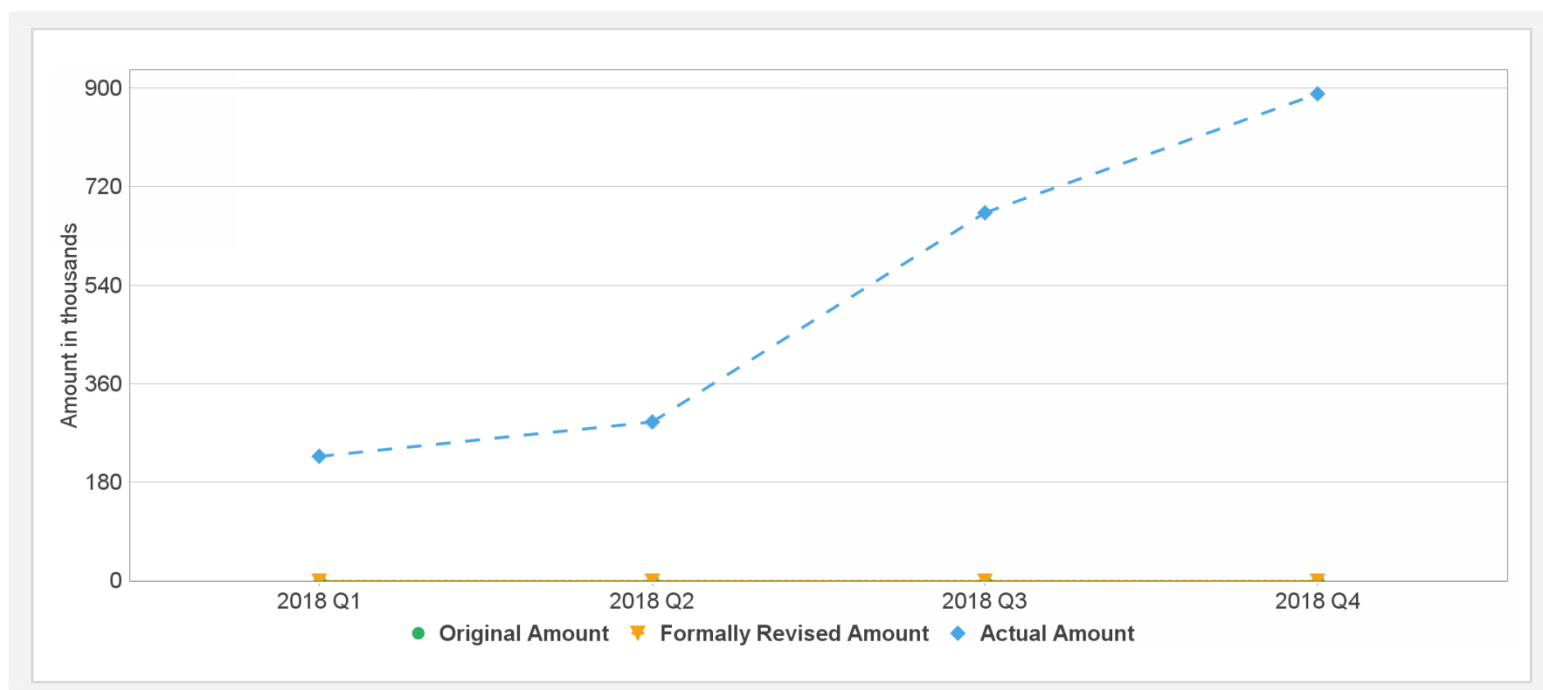
Data on Financial Performance

Disbursements (by loan)

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Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P132418	TF-18577	Effective	USD	9.20	9.20	0.00	0.89	8.31	9.7%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P132418	TF-18577	Effective	31-May-2016	31-May-2016	29-Aug-2016	31-Dec-2018	31-Dec-2018

Cumulative Disbursements

Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.