



Clean Air and Sustainable Environment Project (P098151)

SOUTH ASIA | Bangladesh | Environment & Natural Resources Global Practice |
IBRD/IDA | Specific Investment Loan | FY 2009 | Seq No: 14 | ARCHIVED on 09-May-2016 | ISR23402 |

Implementing Agencies: Department of Environment

Key Dates

Key Project Dates

Bank Approval Date:12-May-2009

Effectiveness Date:19-Aug-2009

Planned Mid Term Review Date:17-Jan-2013

Actual Mid-Term Review Date:17-Jan-2013

Original Closing Date:31-Dec-2014

Revised Closing Date:15-Dec-2016

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To improve air quality and safe mobility in Dhaka through the implementation of demonstration initiatives in urban transport and brick making

Has the Project Development Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Component 1: Environment (DOE):(Cost \$16.80 M)

Component 2A Transport (DCC):(Cost \$40.70 M)

Component 2B Transport (DTCB):(Cost \$7.00 M)

Overall Ratings

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

Implementation Status and Key Decisions



The project has made steady progress after the last mission and the remaining activities are expected to be completed by December 15, 2016. On the Environmental component, the overall capacity for air quality management has been significantly improved. The staff of the Air Quality Wing (AQW) and field level offices received several training courses on Continuous Air Quality Monitoring Stations (CAMS) operation, maintenance and data management. The daily Air Quality Index (AQI) generated from CAMS data provides an important indication of the air quality levels in eight (08) major cities. The component has contributed to the general awareness on air quality agenda and several electronic and print media have published on air quality challenges using the AQI. In the Transport component, work contracts under DSCC/DNCC component have made a good progress with remaining works on track to be completed by the monsoon season. The coordination for the starting of traffic signal operation is underway as the piloting of remote control system was agreed at stakeholders meeting at MoHA and the system has been installed at four intersections during the mission.



Risks

Systematic Operations Risk-rating Tool

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

Results

Project Development Objective Indicators

- Number of brick kilns adopting cleaner technology and decreasing (i) particulate emissions by 20% and (ii) GHG emission by 20% by end of project period (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	8.00	10.00	12.00
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016

- Increase of vehicular traffic in location of interventions (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	217700.00	232000.00	232000.00	239500.00
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016

- Pedestrian using Foot Over Bridges in locations of intervention (Percentage, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	79.00	79.00	75.00
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016

► Pedestrian using sidewalks in locations of intervention (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	78.00	78.00	75.00
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016

Overall Comments

The progress towards achieving the PDO is considered satisfactory and is expected to be achievable during the project period.

Intermediate Results Indicators

► At least 2 cities with updated source / emissions profiles (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	2.00	2.00
Date	09-Nov-2009	01-Jul-2015	31-Dec-2015	15-Dec-2016

► Air quality monitoring stations installed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	11.00	11.00	11.00
Date	09-Nov-2009	01-Jul-2015	31-Dec-2015	15-Dec-2016



► Brick Burning Act drafted for Cabinet's approval (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	None	Act Approved by Parliament on November 20, 2013	Act Approved by Parliament on November 20, 2013	Brick Burning Act submitted to Cabinet
Date	--	01-Jul-2015	31-Dec-2015	31-Dec-2014

► Vehicular Emission Standards updated (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	None	Planned for further consultation	ECR included	Vehicle Emission Standards approved
Date	--	01-Jul-2015	31-Jan-2016	31-Dec-2014

► Communication campaign implemented (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	None	Completed	Completed	Campaign continued
Date	--	10-Mar-2015	31-Dec-2015	15-Dec-2016

► Construction of Foot Over Bridge (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0	19	21	25
Date	09-Nov-2009	01-Jul-2015	31-Mar-2016	15-Dec-2016



► New sidewalks with surface drainage constructed (Kilometers, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	60.00	65.00	70.00
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	08-Dec-2016

► Traffic safety campaigns (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	3.00
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016

► Corridors of separation of MV and NMV traffic (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	2.00	2.00
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016

► Traffic signals newly installed or fixed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	62.00	62.00	39.00
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016



► Intersections improved (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	35.00	35.00	40.00
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016

► Studies for (i) rationalization of bus route network (ii) BRT on a pilot corridor (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	1.00	2.00
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016

► Revised DTCB Act empowering DTCB presented to the Cabinet for approval (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Revision initiated	Passed by Parliament and Published in the Gazette	Passed by Parliament and Published in the Gazette	Passed by Parliament and Published in the Gazette
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016

► Revised MVO Act for reduction in emissions submitted to Cabinet (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	None	The sections relevant to BRTA have been distributed for comments	BRTA Act under review by Ministry of Law for vetting.	Presented to Cabinet for approval
Date	09-Nov-2009	01-Jul-2015	31-Jan-2016	15-Dec-2016

Overall Comments

The intermediate result indicators are also on track and are expected to be achieved by end of the project period. Only 2 FOBs has been dropped.



Data on Financial Performance

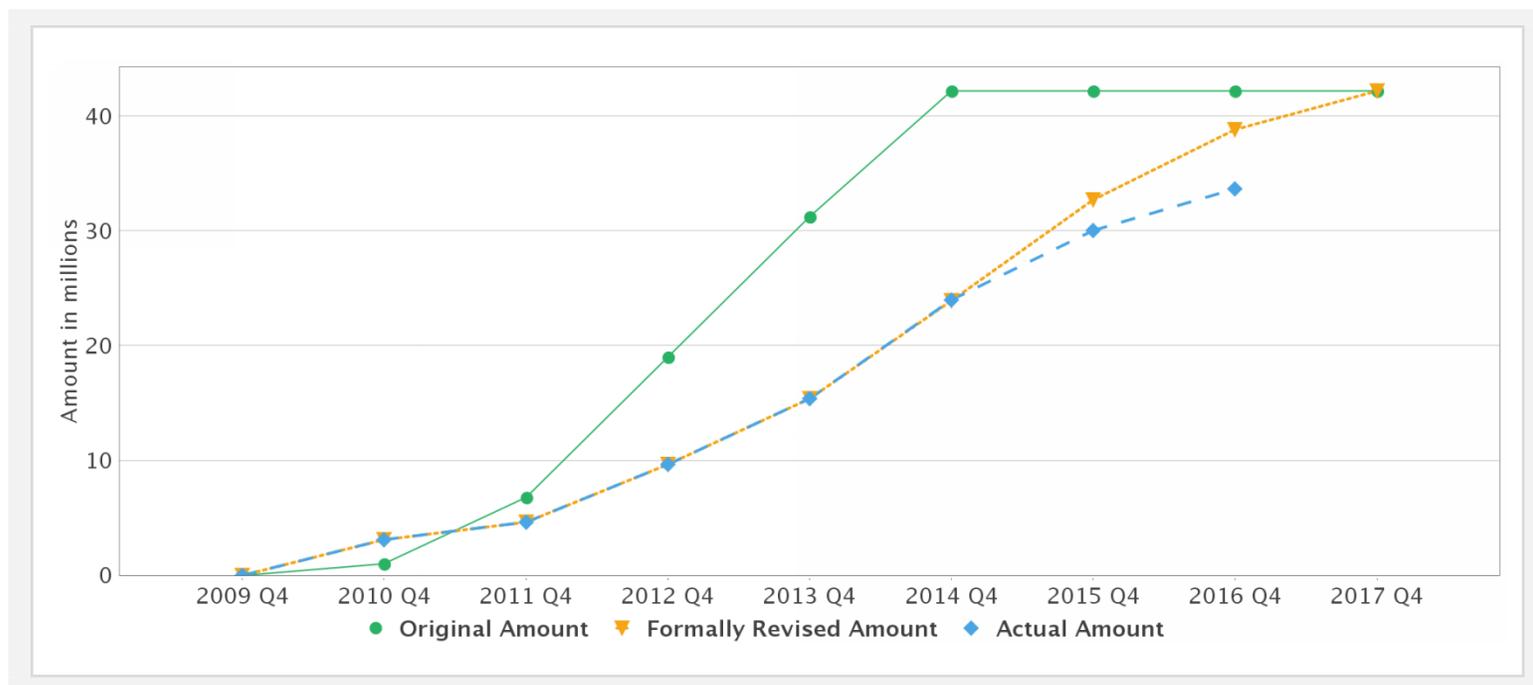
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P098151	IDA-45810	Effective	XDR	42.20	42.19	0.01	33.65	8.54	80%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P098151	IDA-45810	Effective	12-May-2009	27-May-2009	19-Aug-2009	31-Dec-2014	15-Dec-2016

Cumulative Disbursements



Restructuring History

Level Approved on 27-Jun-2013

Related Project(s)



P160014-Clean Air and Sustainable Environment Project - Additional Financing
