



Ulaanbaatar Clean Air Project (P122320)

EAST ASIA AND PACIFIC | Mongolia | Energy & Extractives Global Practice |
IBRD/IDA | Investment Project Financing | FY 2012 | Seq No: 13 | ARCHIVED on 02-Oct-2018 | ISR34051 |

Implementing Agencies: Mongolia, UBCAP Project Management Unit

Key Dates

Key Project Dates

Bank Approval Date: 03-Apr-2012

Effectiveness Date: 18-Dec-2012

Planned Mid Term Review Date: 19-Jan-2015

Actual Mid-Term Review Date: 19-Jan-2015

Original Closing Date: 30-Jun-2017

Revised Closing Date: 30-Jun-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The development objective (PDO) is to enable consumers in ger areas to access heating appliances producing less particulate matter emissions and to further develop selected medium-term particulate matter abatement measures in Ulaanbaatar in coordination with development partners.

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

No

Components

Name

A. Ger Area Particulate Matter Mitigation:(Cost \$16.10 M)

B. Central Ulaanbaatar Particulate Matter Mitigation:(Cost \$2.30 M)

C. Public Awareness Raising, Program Coordination and Project Management:(Cost \$3.00 M)

Overall Ratings

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

Implementation Status and Key Decisions

The project has made substantial progress toward achieving the project development objective through promotion of low emission stoves, development of medium term abatement measures, and facilitating coordination on air pollution abatement. The remaining funding from the project will continue to be used for high-priority activities to address air quality in Ulaanbaatar.





Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

Enable consumers in ger areas to access heating appliances producing less particulate matter emissio

► Coverage of targeted households with eligible services (Percentage, Custom)

Baseline

Actual (Previous)

Actual (Current)

End Target

Value	0.00	90.00	90.00	80.00
Date	18-Dec-2012	15-Feb-2018	31-Dec-2016	31-Dec-2016

Develop selected medium-term particulate matter abatement measures in Ulaanbaatar

► Approval by relevant counterparts of principle recommendations and action plans developed by the Project for selected medium term abatement measures (no. of action plans approved) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	4.00	4.00
Date	03-Apr-2012	15-Feb-2018	31-Dec-2016	31-Dec-2016

► Inter-agency and donor coordination framework for air pollution abatement measures developed and functioning (cumulative no. of years) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1.00	6.00	6.00	6.00
Date	03-Apr-2012	15-Feb-2018	30-Jun-2018	30-Jun-2018

Intermediate Results Indicators by Components

A. Ger Area Particulate Matter Mitigation

► Laboratory tests supported by UBCAP (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	673.00	708.00	155.00
Date	03-Apr-2012	15-Feb-2018	14-Sep-2018	31-Dec-2016

► Subsidy mechanism disbursing (% of available funds) (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	88.00	90.00	100.00
Date	18-Dec-2012	15-Feb-2018	14-Sep-2018	30-Jun-2019

► Number of stoves declared eligible for UBCAP support (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	22.00	22.00	5.00
Date	03-Apr-2012	15-Feb-2018	14-Sep-2018	31-Dec-2016

►Number of stove models proposed for participation (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	77.00	77.00	10.00
Date	03-Apr-2012	15-Feb-2018	14-Sep-2018	31-Dec-2016
►Persons/ local producers trained in clean stove development, ceramic molding and production (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	26.00	28.00	28.00
Date	15-May-2015	15-Feb-2018	14-Sep-2018	30-Jun-2019
►Number of kindergartens that receive high-efficiency particulate (HEPA) filters (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	500.00	1,500.00	950.00
Date	15-May-2015	15-Feb-2018	14-Sep-2018	30-Jun-2019
►Number of government buildings, i.e. kindergartens in ger area of the city benefited from energy efficiency and retrofitting work (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	4.00	4.00
Date	15-May-2015	15-Feb-2018	15-Feb-2018	30-Jun-2018
►Number of households benefited from energy efficiency demonstration work and retrofitted their detached houses (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	200.00	200.00	200.00
Date	15-May-2015	15-Feb-2018	15-Feb-2018	30-Jun-2018
►Number of HOBs replaced by non-coal heating appliances at government buildings (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	15-May-2015	15-Feb-2018	14-Sep-2018	30-Jun-2019
B. Central Ulaanbaatar Particulate Matter Mitigation				
►City greening preparatory study prepared (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target

Value	Not started	Final report submitted	Final report submitted	Final report submitted
Date	31-Dec-2011	06-Oct-2016	06-Oct-2016	31-Dec-2015
►City greening pilot implemented (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not started	Pilot implemented	Pilot implemented	Pilot implemented
Date	31-Dec-2011	11-Jan-2016	11-Jan-2016	31-Dec-2015
►Power plant emissions control feasibility study prepared (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not started	Final report submitted	Final report submitted	Final report submitted
Date	31-Dec-2011	03-Dec-2015	03-Dec-2015	31-Dec-2015
►Housing policy study prepared (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not started	final report submitted	final report submitted	Final report submitted
Date	31-Dec-2011	03-Dec-2015	03-Dec-2015	31-Dec-2015
►District heating preparatory study prepared (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not started	Final report submitted	Final report submitted	Final report submitted
Date	31-Dec-2011	03-Dec-2015	03-Dec-2015	31-Dec-2015

C. Public Awareness Raising, Program Coordination and Project Management

►Monitoring and analysis equipment supplied (cumulative number of bid packages) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	7.00	8.00	3.00
Date	31-Dec-2011	15-Feb-2018	14-Sep-2018	31-Dec-2016
►Effective project management and reporting established (No. of project progress reports per year) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	16.00	21.00	2.00
Date	31-Dec-2011	15-Feb-2018	14-Sep-2018	31-Dec-2016

►Persons trained in air quality monitoring, analysis and management (cumulative number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	43.00	43.00	15.00
Date	31-Dec-2011	15-Feb-2018	15-Feb-2018	31-Dec-2016
►Monthly reports on coordination activities prepared by the municipality (No. of reports annually) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	26.00	26.00	4.00
Date	31-Dec-2011	15-Feb-2018	15-Feb-2018	31-Dec-2016
►Consultants for supporting coordination hired (cumulative number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	2.00
Date	03-Apr-2012	15-Feb-2018	15-Feb-2018	31-Dec-2016
►Communications plan for collecting air quality program information across donors and agencies, satisfactory to the PMU, is prepared by the municipality (No. annual plans) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	1.00
Date	31-Dec-2011	15-Feb-2018	15-Feb-2018	31-Dec-2016
►Share of communications targets (e.g., meetings with agencies and donors, information collected) in approved communications plan achieved by the municipality (% share of target) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	31-Dec-2011	15-Feb-2018	15-Feb-2018	31-Dec-2016

Data on Financial Performance

Disbursements (by loan)

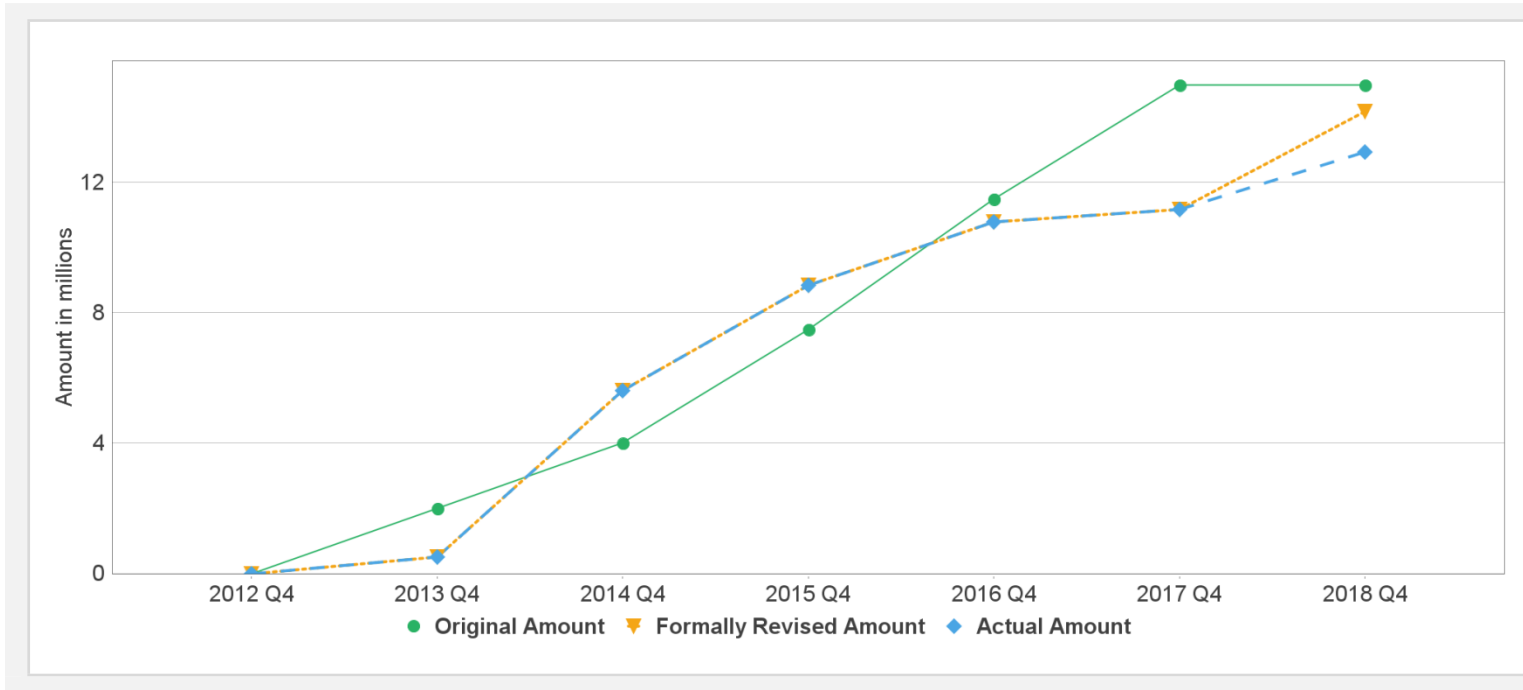
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P122320	IDA-50390	Effective	USD	15.00	15.00	0.00	12.93	1.31	91%

Key Dates (by loan)



Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P122320	IDA-50390	Effective	03-Apr-2012	04-Apr-2012	18-Dec-2012	30-Jun-2017	30-Jun-2019

Cumulative Disbursements



Restructuring History

Level 1 Approved on 10-Nov-2014 ,Level 2 Approved on 14-Jun-2017 ,Level 2 Approved on 15-Jun-2018

Related Project(s)

P167421-Additional Financing to Ulaanbaatar Clean Air Project