



CH GEF Municipal Solid Waste Management Project (P126832)

EAST ASIA AND PACIFIC | China | Environment Global Practice |

Global Environment Project | Investment Project Financing | FY 2015 | Seq No: 1 | ARCHIVED on 06-Apr-2015 | ISR18268 |

Implementing Agencies: Foreign Economic Cooperation Office of Ministry of Environmental Protection

Key Dates

Key Project Dates

Board Approval date:14-Nov-2014

Planned Mid Term Review Date:03-Jul-2017

Original Closing Date:31-Dec-2019

Effectiveness Date:--

Actual Mid-Term Review Date:--

Revised Closing Date:31-Dec-2019

Global Environmental Objectives

Global Environmental Objective (from Project Appraisal Document)

The project's objective is to build capacity and demonstrate best available techniques (BAT) and best environmental practices (BEP) in municipal solid waste incineration in accordance with the Stockholm Convention.

Has the Global Environmental Objective been changed since Board Approval of the Project Objective?

No

Components

Name

Capacity Building for Improved Operation and Regulation of MSW Incinerators:(Cost \$27.44 M)

Capacity Building for Improved MSW Management Planning:(Cost \$1.75 M)

Project Management:(Cost \$3.72 M)

Overall Ratings

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

Implementation Status and Key Decisions



The project is not yet effective and is at too early a stage to report on implementation progress. The project will become effective when the main implementing agency, FECO signs implementation agreements with the two demonstration locations, Yunnan and Ningbo. A project launch mission is tentatively planned for May 2015.



Risks

Systematic Operations Risk-rating Tool

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

Results

Global Environmental Objective Indicators



▶ Regular and reliable monitoring data show operating practices that lower dioxin levels to 0.1 ng TEQ/m³ at three demonstration incinerators.(Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	TBD based on first year audits	--	TBD based on first year audits	Operating practices at three demonstration incinerators are consistent with the 0.1 ng TEQ/m ³ dioxin emission target.
Date	05-Jan-2015	--	12-Feb-2015	31-Dec-2019

▲ A planned schedule of improvements in operating procedures established after measuring and evaluating the baseline situation at three demonstration incinerators.(Yes/No, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	05-Jan-2015	--	12-Feb-2015	31-Dec-2019

▷ Achievement of milestones set for the improvement of operating procedures as identified in the schedule of improvements in operating procedures at three demonstration incinerators(Text, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	TBD based on first year audits	--	TBD based on first year audits	TBD based on first year audits
Date	05-Jan-2015	--	12-Feb-2015	31-Dec-2019

Overall Comments

Intermediate Results Indicators



▶ KEPB and KUMB have continuous access to data on operating conditions and emissions from all five Kunming incinerators (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	05-Jan-2015	--	12-Feb-2015	31-Dec-2019

▶ NEPB has continuous access to data on operating conditions and emissions from all three incinerators in Ningbo. (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	05-Jan-2015	--	12-Feb-2015	31-Dec-2019

▶ Data on operating conditions and emissions disclosed to public in Kunming (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	01-Jan-2015	--	12-Feb-2015	31-Dec-2019

▲ Operating conditions of five incinerators posted on the web (Yes/No, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	01-Jan-2015	--	12-Feb-2015	31-Dec-2019



▲ Information on environmental impacts of four incinerators posted on community bulletin boards (Yes/No, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	01-Jan-2015	--	12-Feb-2015	31-Dec-2019

▲ Dioxin emission test results for five incinerators in Kunming posted on the web (Yes/No, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	01-Jan-2015	--	12-Feb-2015	31-Dec-2019

▶ Operating conditions of three Ningbo incinerators posted on the web (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	01-Jan-2015	--	12-Feb-2015	31-Dec-2019

▶ Public awareness of incinerator information disclosed (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	13.70	--	--	50.00
Date	31-May-2013	--	--	31-Dec-2019



▲ Awareness of females of incinerator information disclosed (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	9.30	--	--	50.00
Date	31-May-2013	--	--	31-Dec-2019

▲ Awareness of males of incinerator information disclosed (Percentage, Custom Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	18.80	--	--	50.00
Date	31-May-2013	--	--	31-Dec-2019

▶ Kunming district EPBs inspect each of five incinerators once per year on the basis of integrated permit (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	05-Jan-2015	--	12-Feb-2015	31-Dec-2019

▲ Integrated permit finalized for each incinerator (Yes/No, Custom Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	--	N	Y
Date	05-Jan-2015	--	12-Feb-2015	31-Dec-2019



► Number of regulators trained through study tours to northern America and Europe (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	36.00
Date	01-Jan-2015	--	12-Feb-2015	31-Dec-2019

► Number of incinerators nationwide with at least five supervisors and operators trained in BAT/BEP (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	40.00
Date	01-Jan-2015	--	12-Feb-2015	31-Dec-2019

► Dioxin emissions from demonstration incinerators (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Baseline to be determined at end of first year audits	--	Baseline to be determined at end of first year audits	0.1 ng TEQ/m3
Date	01-Jan-2016	--	12-Feb-2015	31-Dec-2019

► Ningbo Lab standard operating procedure assessed as consistent with international good practices (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	--	No	Yes
Date	01-Jan-2015	--	12-Feb-2015	31-Dec-2019



▶ Number of standards revised/developed (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	--	0.00	3.00
Date	01-Jan-2015	--	12-Feb-2015	31-Dec-2019

Overall Comments

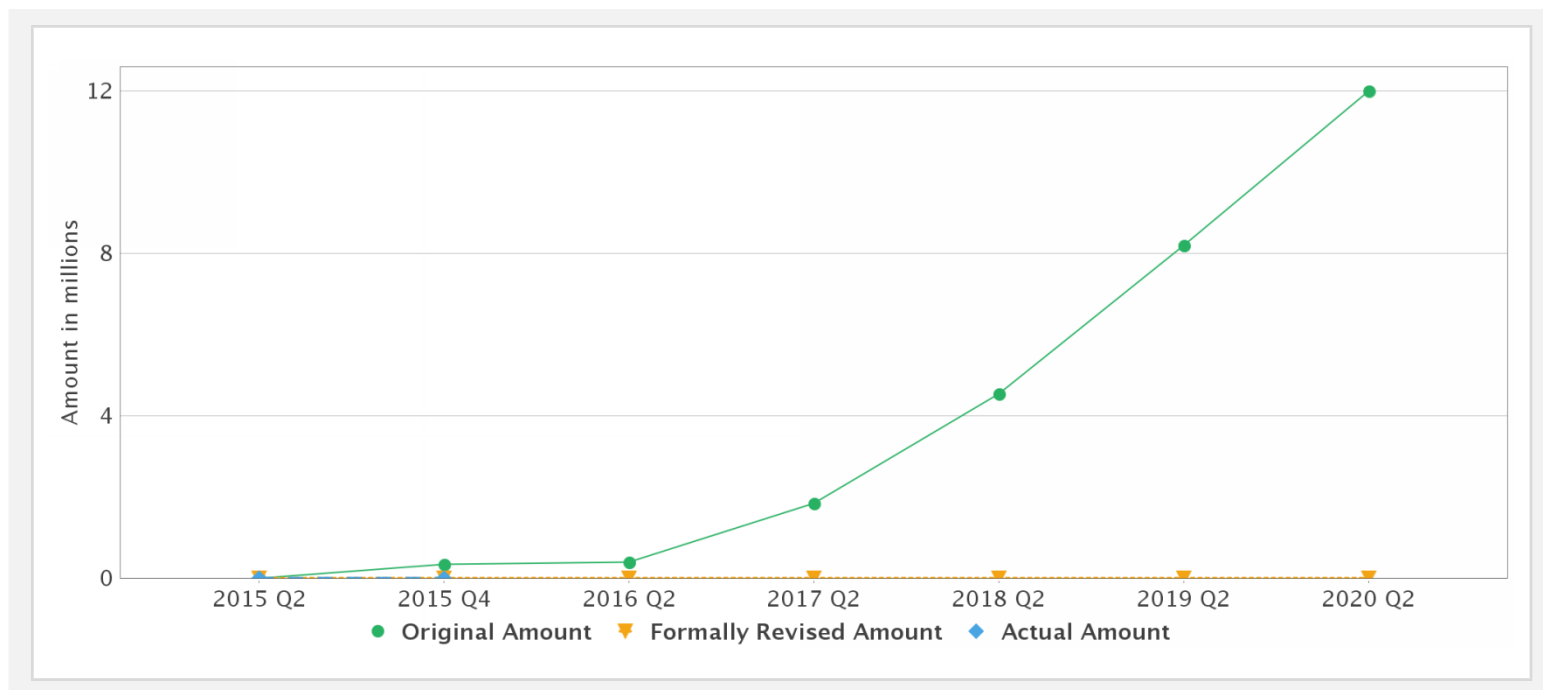
Data on Financial Performance**Disbursements (by loan)**

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P126832	TF-18479	Not Effective	USD	12.00	12.00	0.00	0.00	12.00	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P126832	TF-18479	Not Effective	14-Nov-2014	30-Dec-2014	30-Dec-2014	31-Dec-2019	31-Dec-2019

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.