



CH GEF Municipal Solid Waste Management Project (P126832)

EAST ASIA AND PACIFIC | China | Environment & Natural Resources Global Practice |
Global Environment Project | Investment Project Financing | FY 2015 | Seq No: 2 | ARCHIVED on 04-Aug-2015 | ISR20220 |

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

Key Dates

Key Project Dates

Board Approval date:14-Nov-2014

Effectiveness Date:29-May-2015

Planned Mid Term Review Date:03-Jul-2017

Actual Mid-Term Review Date:--

Original Closing Date:31-Dec-2019

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	● Satisfactory
Overall Implementation Progress (IP)	● Satisfactory	● Moderately Satisfactory
Overall Risk Rating	● Substantial	● Substantial

Implementation Status and Key Decisions



The project has been declared effective. A project launch workshop was held on May 14-15 in Kunming with the participation of representatives from FECO, MOF, the Ministry of Housing, Urban and Rural Development, Kunming/Yunnan and Ningbo agencies, and four candidate demonstration incinerators. The Bank task team provided training on key elements of procurement, financial management, disbursement, and environmental and social safeguards.. The first goods and consultancy contracts will be signed when the project's dedicated account is established and the first tranche of the GEF grant is disbursed. The project is at too early a stage to report on observable intermediate outcomes.





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	--	● Moderate	● Moderate
Institutional Capacity for Implementation and Sustainability	--	● Substantial	● Substantial
Fiduciary	--	● Moderate	● Moderate
Environment and Social	--	● Substantial	● Substantial
Stakeholders	--	● Substantial	● Substantial
Other	--	--	--
Overall	--	● Substantial	● 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	--	09-Jul-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	N	Y

▷ 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

Overall Comments

"First year audits" stands for the operational and environmental performance audits that will be carried out at four participating incinerators in Kunming during the first year of project implementation. The consultant selection for the audits is underway. It is expected that the audits will be completed by September 2016. Data collected during the audits will provide the baseline on current operational conditions. The audits consultancy together with the incinerators will prepare a schedule and milestones for improvements in operating procedures.

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	N	Y
Date	05-Jan-2015	12-Feb-2015	09-Jul-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	--	09-Jul-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	N	Y

▲ 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	N	Y



▲ 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	N	Y

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	01-Jan-2015	12-Feb-2015	09-Jul-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

Comments

The baseline is May 2013, the date of the household survey that elicited the level of public awareness in question.

▲ 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	N	Y
Date	05-Jan-2015	12-Feb-2015	09-Jul-2015	31-Dec-2019

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y

▶ 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	0.00	36.00
Date	01-Jan-2015	12-Feb-2015	09-Jul-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	--	09-Jul-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-2015	--	09-Jul-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	--	09-Jul-2015	31-Dec-2019

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

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	01-Jan-2015	12-Feb-2015	09-Jul-2015	31-Dec-2019

Overall Comments

Data on Financial Performance

Disbursements (by loan)

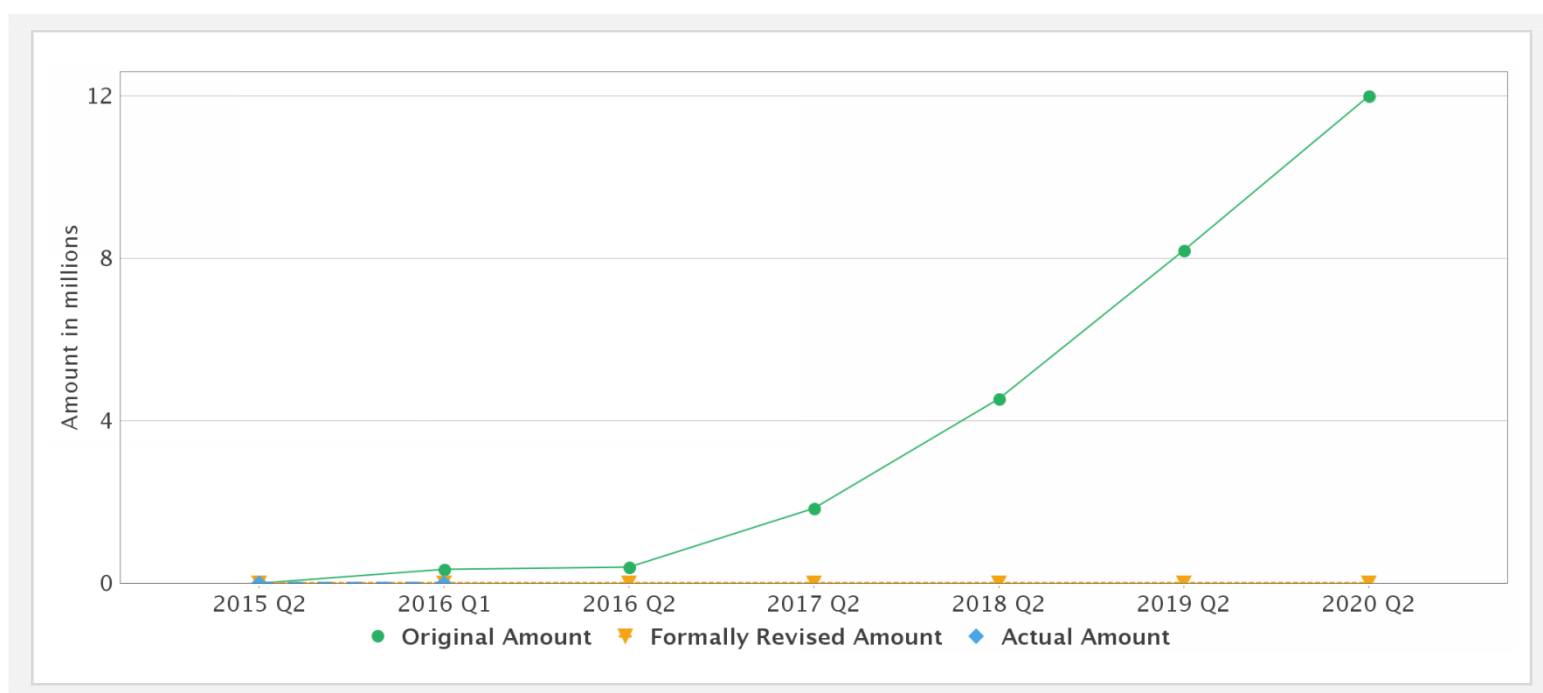


Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P126832	TF-18479	Effective	USD	12.00	12.00	0.00	0.00	12.00	0%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P126832	TF-18479	Effective	14-Nov-2014	30-Dec-2014	29-May-2015	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.