



Carbon Asset Development - Methane Recovery from Waste Mgmt Project (P152805)

EAST ASIA AND PACIFIC | Philippines | Environment & Natural Resources Global Practice |
 Recipient Executed Activities | Investment Project Financing | FY 2016 | Seq No: 2 | ARCHIVED on 10-Mar-2017 | ISR25702 |

Implementing Agencies:

Key Dates

Key Project Dates

Bank Approval Date:07-Oct-2015

Effectiveness Date:28-Oct-2015

Original Closing Date:30-Jun-2019

Revised Closing Date:30-Jun-2019

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The objective of the Project is to assist Land Bank of the Philippines (LBP) with the development of carbon assets for purchase by the Carbon Partnership Facility (CPF).

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

No

Components

Name

Overall Ratings

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

Implementation Status and Key Decisions

This project assists Land Bank of the Philippines with a small grant for the development and management of carbon assets for purchase by the World Bank under an associated project with Land Bank on Methane Recovery from Waste Management, specifically from pig farms and landfills. Land Bank has carried out a series of training and information events for its staff and its clients and is working to include additional pig farms and landfills in the program. Overall, the first year of implementation has been slower than planned and the pipeline of pig farm subprojects is currently weaker than expected. The development of landfill subprojects has been much stronger, with two agreements expected in early 2017, which can



deliver the majority of the certified emission reductions from landfills that are contracted for purchase by the CPF. In the coming months, Land Bank plans to further increase the capacity building, promotional, and subproject development activities under this grant, particularly for the pig farm program.



Risks

Overall Risk Rating

Risk Category	Rating at Approval	Previous Rating	Current Rating
Overall	● Moderate	● Moderate	● Moderate

Comments

The grant is intended to address capacity constraints at Land Bank. However, timely implementation and synchronization of grant-funded activities with the needs of the parent project remains a challenge.

Results

Project Development Objective Indicators

► Compliance with the CER delivery schedule in the ERPA for pig farm (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	0.00	0.00	22.80	100.00
Date	01-Oct-2015	15-Jun-2016	31-Dec-2016	30-Jun-2019

Comments

The actual value is calculated as the ratio (in percent) of CERs issued to the CPF (21,519) to contract CERs scheduled for delivery by 31 December 2016 (108,764) under the CPF ERPA. It is important to note that the CERs issued to date are credited towards the reporting years 2014 and 2015 (until 30 June). From July 2015 to June 2016, an additional 4080 emission reductions were reported, but have not yet been verified and issued and are therefore not yet counted as CERs. In addition, since the contract CERs through 2016 are only about 5% of the parent project's total CERs contracted under the pig farm ERPA (2 million), the delivery rates in 2017-2020 will have a greater impact on the eventual project outcome. Nevertheless, the overall delivery is currently expected to fall short of the contracted amount.

►Compliance with the CER delivery schedule in the ERPA for landfills (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100.00
Date	01-Oct-2015	15-Jun-2016	31-Dec-2016	30-Jun-2019

Comments

No CERs for the landfill program have been issued yet. The first subproject agreements for landfills will be signed in early 2017. The landfill program is currently on track to deliver a high percentage of its contracted CERs.

Overall Comments**Intermediate Results Indicators**



► Staff training (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	4.00	3.00	12.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

According to Land Bank's first semi-annual report for 2016 (Jan-Jun), two staff training events were held during the reporting period. These include writing workshops for subproject document (CPA-DD) and participation in the validation activities for Batch 1. In addition, three Land Bank officers participated in the Global Methane Forum (Washington DC, April 2016). It appears that the previous indicator value (for May 2016) was entered incorrectly, since Land Bank reported a cumulative value of "3" in its progress report. The current value will be updated after the next progress report (Jul-Dec 2016) has been submitted.

► Manager training (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	3.00	3.00	8.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

This indicator measures the number of managers trained. The target is 2 per year.

► Technology assessment for pig farms (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

This indicator measures a single activity by Land Bank on the assessment of technology for pig farms and the development of related tools, which was planned for 2015. This activity is delayed. The indicator will change to "1" when the activity has been completed.



►Technology assessment for landfills (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

This indicator measures a single activity by Land Bank on the assessment of technology for landfills and the development of related tools, which was planned for 2015. This activity is delayed. The indicator will change to "1" when the activity has been completed.

►Document preparation for pig farms (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	26.00	26.00	125.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

Land Bank has prepared the POA-DDs for the 26 pig farms in Batch 1 and hired a consultant to help with this task. Land Bank is currently preparing the documentation for the farms in Batch 2 and 3. This indicator will be updated after the next progress report (for Jul-Dec 2016) has been received.

►Document preparation for landfills (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	2.00	4.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

Land Bank has prepared the PoA-DDs for the inclusion of two landfills.



►National forum (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1.00	0.00	3.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

According to Land Bank's first semi-annual report for 2016 (Jan-Jun), no national forum has yet been held. The National Forum is an annual, nationwide conference to promote modern, low-carbon waste manage practices, in particular in pig farms and landfills, as well as Land Bank's program on climate change.

►Road shows for pig farms (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	4.00	7.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

Land Bank conducts roadshows in different locations throughout the country to promote participation in the pig farm program and share related information with its clients. Three roadshows were planned for 2015 and two for 2016 and 2017 each.

►Road shows for landfills (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

Land Bank plans to hold roadshows in different locations throughout the country to promote the landfill program and share information on low GHG emissions waste management with its clients. Three roadshows for landfills were planned in total, one per year between 2015 to 2017. Given that the landill prgram is currently on track to deliver the contracted CERs, Land Bank will have to decide whether the roadshows should still go ahead as planned.



►Marketing materials (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	2.00	3.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

This indicator measures how Land Bank promotes the piggery and landfill programs through the use of media. Land Bank's marketing plan includes the development and maintenance of one website and one social media account and three advertising or sponsorships campaigns among other activities. Land Bank reported two instances of "marketing materials" in its progress report for 2016 (Jan - Jun). Land Bank has developed print material on its pig farm and landfill programs, has organized an ERPA signing ceremony, which was covered by major daily newspapers, promotes the World Bank - Land Bank Partnership to Mitigate Climate Change on its website, and has partnered with other organizations, such as the National Federation of Hog Farmers, to promote its programs.

►Monitoring and information system (MIS) (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1.00	2.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

This indicator tracks the development and maintenance of the MIS, which Land Bank developed in 2015. Land Bank keeps the MIS updated and plans to adjust the MIS to handle the information that will be collected by the monitoring service provider, which Land Bank is contracting for the piggery program. Continued maintenance of the MIS will increase this indicator to "2".



► Monitoring equipment for pig farms (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

The planned procurement of monitoring equipment is delayed. Land Bank has decided to bundle the procurement of monitoring equipment with the provisioning of monitoring services for the piggery program through an external service provider, which Land Bank is contracting. This indicator will turn to "1" after these arrangements have been put in place.

► Inclusion and verification support for pig farm (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	100.00	100.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

This indicator shows 100% as long as all verification and inclusion activities are fully funded by the grant or from other sources.

► Inclusion and verification support for landfills (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	100.00	100.00
Date	01-Apr-2015	31-May-2016	30-Jun-2016	30-Jun-2019

Comments

This indicator shows 100% as long as all verification and inclusion activities are fully funded by the grant or from other sources. During the reporting period, the grant was used to support validation / inclusion activities for the Montalban landfill.

Overall Comments



The intermediate results indicators track how Land Bank implements the activities contained in its implementation plan and budget for the utilization of the CADF grant. The results reported in this ISR are taken from Land Bank's semi-annual report for the period ending on 30 June 2016, with additional information where available. The indicator values will be updated in the next ISR after the progress report for July - December 2016 has been received.

Data on Financial Performance

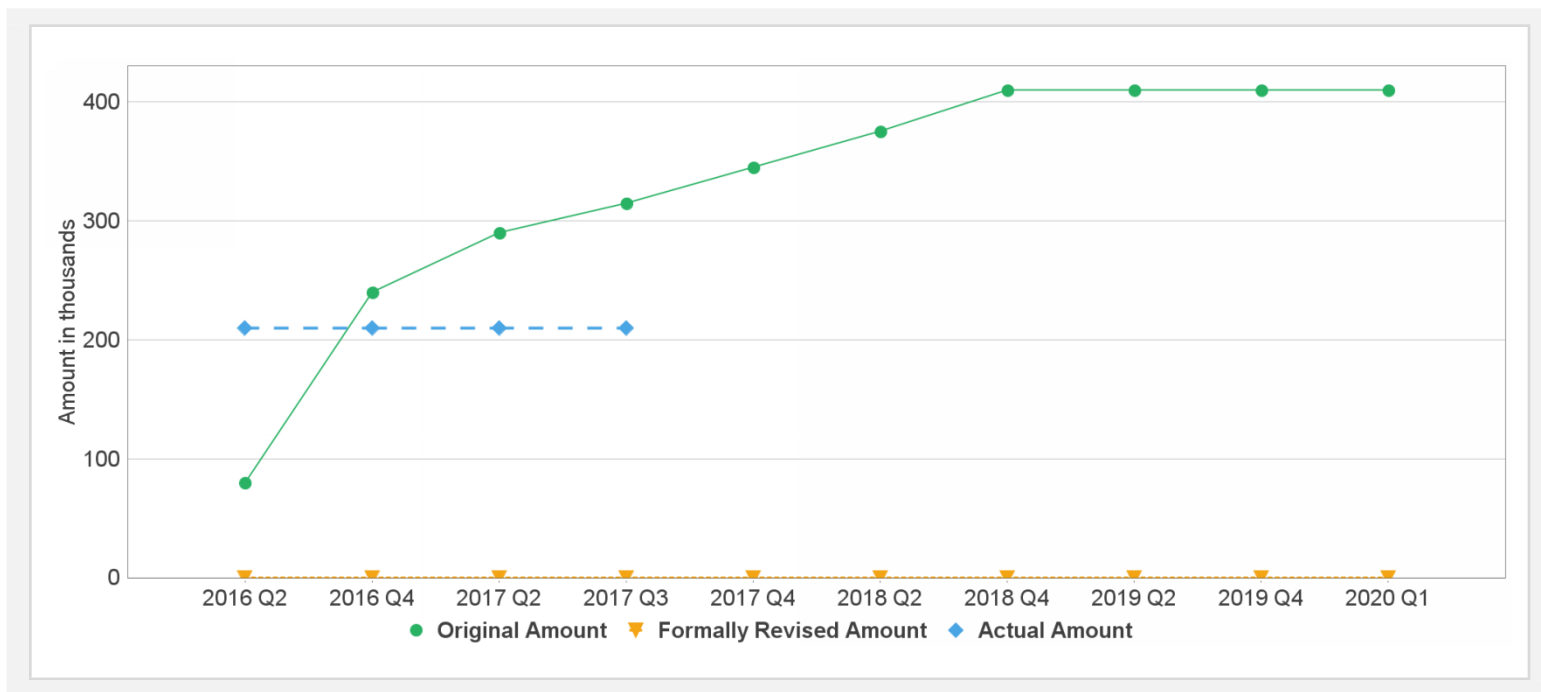
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P152805	TF-19049	Effective	USD	0.41	0.41	0.00	0.21	0.20	51%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P152805	TF-19049	Effective	12-Oct-2015	28-Oct-2015	28-Oct-2015	30-Jun-2019	30-Jun-2019

Cumulative Disbursements



Restructuring History



There has been no restructuring to date.

Related Project(s)

There are no related projects.
