



Zambia - Mining and Environmental Remediation and Improvement Project (P154683)

AFRICA EAST | Zambia | Environment, Natural Resources & the Blue Economy Global Practice |
IBRD/IDA | Investment Project Financing | FY 2017 | Seq No: 9 | ARCHIVED on 29-Jun-2021 | ISR47258 |

Implementing Agencies: Ministry of Mines and Mineral Development, Ministry of Finance, Republic of Zambia

Key Dates**Key Project Dates**

Bank Approval Date: 16-Dec-2016

Effectiveness Date: 30-Nov-2017

Planned Mid Term Review Date: --

Actual Mid-Term Review Date:

Original Closing Date: 30-Jun-2022

Revised Closing Date: 30-Jun-2022

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

To reduce environmental health risks to the local population in critically polluted mining areas in Chingola, Kabwe, Kitwe and Mufulira municipalities, including lead exposure in Kabwe municipality

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

No

Components Table

Name

Remediation of Contaminated Hotspots and Improvement of Environmental Infrastructure:(Cost \$29.60 M)

Enhancing Institutional capacity to strengthen environmental governance and compliance:(Cost \$13.50 M)

Reducing environmental health risks through localized interventions:(Cost \$18.50 M)

Project Management, Monitoring and Evaluation:(Cost \$4.00 M)

Overall Ratings

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

Implementation Status and Key Decisions

The project has made good progress since the Midterm Review meeting which took place in Feb-March 2021. Hiring of 8 key staff has now been completed, and all key technical and fiduciary specialists are now on board. The in-situ remediation of households in Kasanda and upgradation works at the Mines Primary School in Kabwe have commenced. The design for Tailing Dam 10 and OB54 have been finalized after extensive technical discussions over the past 3 months. The related ESIA is underway and stakeholder consultations are about to start, keeping in mind restrictions arising from the 3rd COVID wave in Zambia. Livelihood proposals from 8 additional community groups are in final stage of review and approval; once the financing agreements are approved, funds can be transferred for start of operations. Rollout of testing and treatment of children with high blood lead levels is ongoing; and the Kabwe PIU team along with District Health Office is considering targeted outreach campaigns to ensure minimal crowding at the health centers.



Risks

Systematic Operations Risk-rating Tool

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

Results

PDO Indicators by Objectives / Outcomes

To reduce environmental health risks to the local population in critically polluted mining areas				
▶ Direct project beneficiaries (number), of which female (%) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	400.00	400.00	13,000.00
Date	16-Jan-2017	30-Nov-2020	30-Nov-2020	31-Mar-2022
▶ Share of population in the project areas that are aware of project investments and benefits - ☐☐ (disaggregated by vulnerable people and gender) (Percentage) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	40.00	40.00	70.00
Date	16-Jan-2017	30-Nov-2020	30-Nov-2020	31-Mar-2022



► People in Kabwe reported to have more than 50% reduction in Blood Lead levels (BLL) (disaggregated by age below 15) (Number (Number, Custom))				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,000.00	1,000.00	4,000.00
Date	16-Jan-2017	30-Nov-2020	30-Nov-2020	31-Mar-2022
► Share of population living within 500 m from lead contamination hotspots in project area (Percentage) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	100.00	95.00	95.00	30.00
Date	16-Jan-2017	30-Nov-2020	30-Nov-2020	31-Mar-2022
Comments:	Project team has had had extensive discussions with the private mining company in Kabwe, which has resulted in measures being taken to reduce outflow of lead pollution from the mine; these include construction and upgrading of the drainage channel around the mine. Additionally, the project has undertaken emergency works for Tailing Dam #10, by strengthening the buttresses which has reduced the outflow of tailings and seepage into the surrounding environment			

Intermediate Results Indicators by Components

Remediation of Contaminated Hotspots and Improvement of Environmental Infrastructure				
► Contaminated land managed or dump sites closed under the project (Hectare(Ha), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2.00	2.00	10.00
Date	16-Jan-2017	25-Oct-2018	25-Oct-2018	31-Mar-2022
Comments:	Insitu remediation of the Mines Primary School and some households in Kabwe has commenced.			

Reducing environmental health risks through localized interventions				
► School children in Kabwe targeted for awareness on prevention of exposure to Lead contamination (Number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	800.00	800.00	30,000.00
Date	16-Jan-2017	30-Nov-2020	30-Nov-2020	31-Mar-2022
► Beneficiaries of livelihoods sub-projects (of which women)(Number) (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	3,000.00
Date	16-Jan-2017	25-Oct-2018	25-Oct-2018	31-Mar-2022
► People with high Blood Lead Levels treated under the project (Number) (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,000.00	2,000.00	7,000.00
Date	16-Jan-2017	30-Nov-2020	30-Nov-2020	31-Mar-2022
Comments:	Testing and treatment of children has commenced in Kabwe health centers			
► Share of solid waste collected and safely disposed of in Kabwe (Percentage) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00
Date	16-Jan-2017	25-Oct-2018	25-Oct-2018	31-Mar-2022

Enhancing Institutional capacity to strengthen environmental governance and compliance				
► Coverage of project by ZEMA monitoring of water, soil and air quality of project area (%) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	15.00	15.00	80.00
Date	16-Jan-2017	25-Oct-2018	25-Oct-2018	31-Mar-2022
► Share of mines in project area covered by annual safety inspection by honorary inspectors (Percentage) (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	45.00
Date	16-Jan-2017	25-Oct-2018	25-Oct-2018	31-Mar-2022
Comments:	Neither ZEMA nor MSD has started the hiring process of Honorary Inspectors.			
► Share of mineral rights holders (excluding artisanal mineral rights holders) complying with the Environmental Protection Fund. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	20.00	20.00	20.00	70.00



Date	16-Jan-2017	25-Oct-2018	25-Oct-2018	31-Mar-2022
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Performance-Based Conditions

Data on Financial Performance

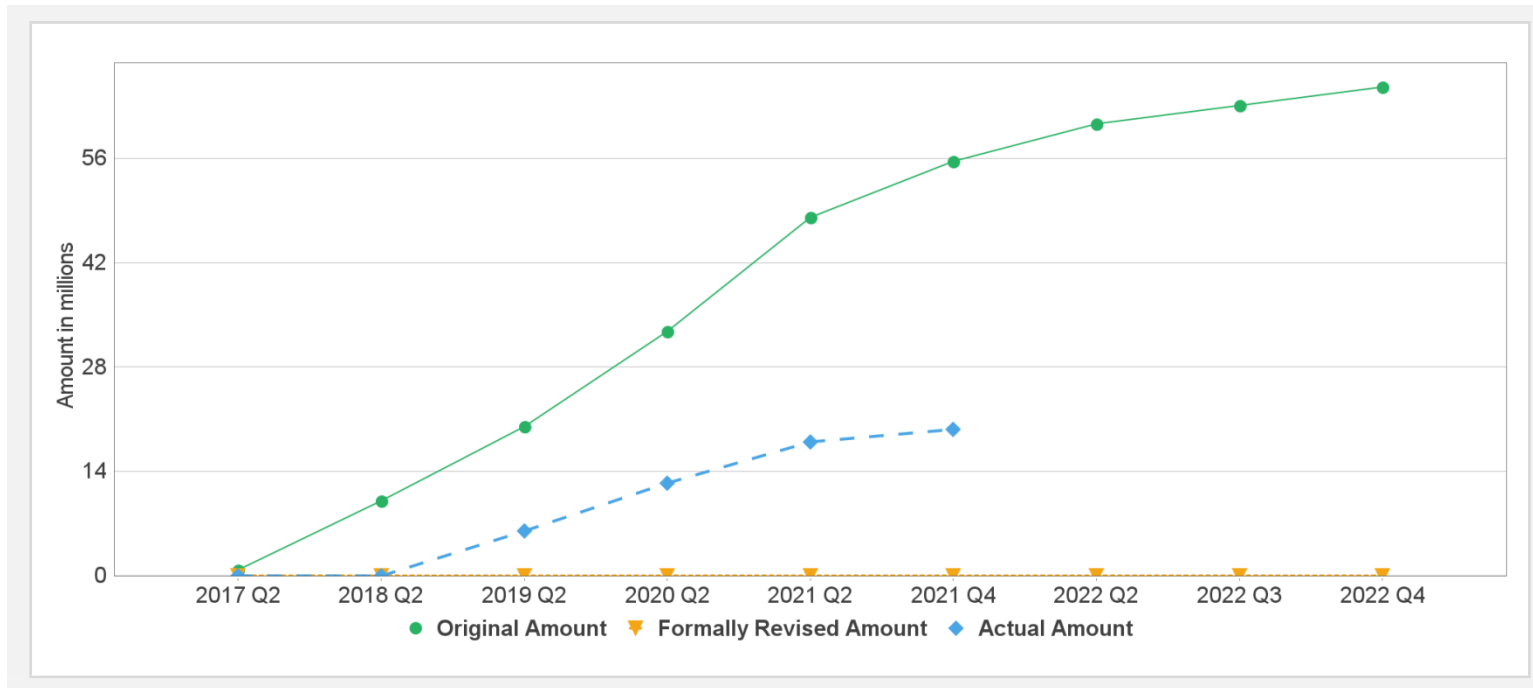
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P154683	IDA-59370	Effective	USD	65.60	65.60	0.00	19.63	48.24	29%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P154683	IDA-59370	Effective	16-Dec-2016	29-May-2017	30-Nov-2017	30-Jun-2022	30-Jun-2022

Cumulative Disbursements





PBC Disbursement

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
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Restructuring History

Level 2 Approved on 12-Apr-2018

Related Project(s)

There are no related projects.
