



## Zambia Education Enhancement Project (P158570)

AFRICA EAST | Zambia | Education Global Practice |  
IBRD/IDA | Investment Project Financing | FY 2018 | Seq No: 9 | ARCHIVED on 23-Dec-2021 | ISR49838 |

Implementing Agencies: Ministry of Finance, Ministry of General Education

### Key Dates

#### Key Project Dates

Bank Approval Date: 29-Aug-2017

Effectiveness Date: 09-Apr-2018

Planned Mid Term Review Date: 29-Sep-2023

Actual Mid-Term Review Date:

Original Closing Date: 31-Oct-2022

Revised Closing Date: 31-Dec-2025

### Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The project development objective is to improve the quality of teaching and learning in mathematics and science in targeted primary and secondary schools and to increase equitable access to secondary education.

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

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

The project development objective is to improve the quality of teaching and learning conditions in targeted primary and secondary schools and to increase access to secondary education focusing on girls.

### Components Table

Name

Improving the quality of teaching and learning conditions in language arts, science, and mathematics in targeted primary and secondary schools:(Cost \$206.50 M)  
Increasing access to safe secondary schools:(Cost \$84.50 M)  
Strengthening institutional capacity for education service delivery and project management:(Cost \$24.00 M)  
Enhancing institutional capacity for implementation of safe school program:(Cost \$9.00 M)  
Contingent Emergency Response Component

### Overall Ratings

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial

### Implementation Status and Key Decisions

Overall progress towards the achievement of the Project Development Objective (PDO) and implementation progress of the project continues to be moderately satisfactory. Additional Financing (AF) in the amount of US\$120 million was signed on September 29,2021 and became effective on



October 5, 2021. The AF will support both new and parent project activities including teacher training, provision of teaching learning materials, construction of additional schools and strengthening of the Ministry of Education (MoE) system. The expanded scope under the AF is expected to reinforce the impact achieved under the parent project. Full implementation of AF activities is yet to commence. Brief implementation progress of the project is provided below.

**1. Improving the quality of teaching and learning conditions in language arts, science, and mathematics in targeted primary and secondary schools**

- Preparatory work for the second-round teacher training, including finalizing the training modules has been completed. In addition, implementation of the school experience (practicum/teaching practice) for the trainee teachers from the 12 Colleges of Education took place during term two and three (between 2020-2021). A total of 300 trainee teachers participated in the school experience. With the AF, teacher trainings will be reoriented to emphasize school-based activities.
- The review of the piloted textbook reforms, which included the procurement and distribution of the Grades 5 and 8 mathematics and science textbooks has been completed and is pending endorsement and adoption. The procurement of the second batch of mathematics and science textbooks is under content and price evaluation. The new electronic book tracking system that will support MoE to monitor distribution of books and usage of textbooks has been developed and is expected to go live in the first quarter of 2022. In addition, the MoE has finished the development of the self-learning materials in mathematics and science which is expected to support students catch up from the learning losses due to forced closure during COVID 19 in 2020 and early 2021. The AF will expand provision of teaching and learning materials in the subject areas to almost 2,700 schools from the current 382,

**2. Increasing access to safe secondary schools.**

- The connection of 38 schools to the national grid by Zambia Electricity Supply Company (ZESCO) has made good progress. Provision of solar panels for the other 44 schools and installation of the water reticulation in 82 schools is expected early next year.
- The MoE has implemented a tablet-based monitoring system that allows remote monitoring of construction activities at each construction site.
- With the AF, an additional 120 schools (approximately) will be constructed.

**3. Strengthening institutional capacity for education service delivery and project management.**

- The high-level sensitization workshops for senior managements on school related gender-based violence (SRGBV) have been held. Provision of telephone services under the project's grievance redress mechanism (GRM) system is expected in early 2022.

**4. Enhancing institutional capacity for implementation of safe school program**

- Through the AF, support will be provided to address issues of school related gender violence to ensure schools are places of safety for learners especially girls.

**Risks**

**Systematic Operations Risk-rating Tool**

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	<input type="checkbox"/> Moderate	<input type="checkbox"/> High	<input type="checkbox"/> High
Macroeconomic	<input type="checkbox"/> Moderate	<input type="checkbox"/> High	<input type="checkbox"/> High
Sector Strategies and Policies	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Institutional Capacity for Implementation and Sustainability	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Fiduciary	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Environment and Social	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Stakeholders	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Other	--	--	--
Overall	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial



Results

PDO Indicators by Objectives / Outcomes

Improved teaching and learning in math and science and increased access to secondary education				
▶ Students benefiting from direct interventions to enhance learning (Number, Corporate)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	269,709.00	527,689.00	1,755,200.00
Date	25-Aug-2017	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	Parent project indicator modified following the AF. 56% achieved against the parent project target and 30% achieved the AF target.			
□ Students benefiting from direct interventions to enhance learning - Female (Number, Corporate Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	138,704.00	291,238.00	789,849.00
▶ Teachers achieving increased competences in subject and pedagogical content knowledge in mathematics, science and language arts as prescribed in curriculum (disaggregated by education level). (Text, Custom, PBC)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Baseline figures set at Zero with progress monitored from the surveys to be conducted by ECZ	The percent of teachers with increased pedagogical skills and subject content knowledge in mathematics at Grade 9 has been achieved at 10 percent based on the parent project target while only 4 percent has been achieved in science. Assessment at Grade 5 has been completed and results against the parent project target shows minimum improvement in both mathematics and science. Against the 10 percent target, six (6) percent was achieved in mathematics and 3 percent achieved in science.	The results remain unchanged from the previous mission. Language art will be report in line with the set target in the AF once baseline is established.	2023 figures increase by 5 percent points: <ul style="list-style-type: none"> <li>• Primary math: 66% to 71%</li> <li>• Language arts primary increase by 5%</li> <li>• Secondary Science: 15% to 20%</li> </ul>
Date	25-Aug-2017	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	The indicator was modified following the AF but the assessment is based on the parent project target of 10 percent expected improvement in mathematics and science at both Grade 5 and 9. Language art will be reported once baseline is set.			



<b>► Targeted primary and secondary schools with 3:1 (or better) student text book ratio in language arts, mathematics and science (physics, chemistry, biology, agricultural/homeconomics) in target schools (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Pupil Textbook ratio 5:1 based on the 2015 PER findings	Based on the parent project target, 1:1 in mathematics and science has been achieved at Grades 5 and 8 following completion of textbooks distribution for these two Grades. Procurement for the other Grades is under way.	1:1 in mathematics and science has been achieved at Grades 5 and 8 following completion of textbooks distribution for these two Grades. Procurement for the other Grades is under way.	85% of target schools with 3:1 student textbook ratio
Date	29-Jun-2018	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	The ratio of 1:1 in mathematics and science at Grades 5 and 8 in the parent project intervention schools has been achieved in line with the target in the parent project. Procurement of second batch of textbooks for the other Grades: 1, 2, 3, 4, 6, 7, 9, 10, 11 and 12 to achieve 1:1 in the intervention schools is underway. The 3:1 end target for this indicator is for AF. The assessment is based on the survey undertaken by the MoE and still under review by the IVA.			
<b>► Students enrolled in Grades 8–12 in the expanded secondary schools with additional classrooms and facilities . (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	12,822.00	18,624.00	43,840.00
Date	29-Jun-2018	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	Parent project indicator modified following the AF. Construction of classroom under Phase one (1x2 at each of the 82 schools) was completed and classrooms are in use. Construction of 1x3 classrooms under Phase two is underway and completion has been delayed due to funds flow that was disrupted because of delay in the signing of the AF and COVID 19. 81% percent achieved against the parent project target and 42% achieved against target with AF.			
<b>► Students enrolled in Grades 8 - 12 in the expanded secondary schools with additional classrooms and facilities - Female (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	6,536.00	9,735.00	21,920.00
Date	29-Jun-2018	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added following the AF.			

### Intermediate Results Indicators by Components

Improving the Quality of Teaching and Learning Conditions in targeted primary and secondary schools

► Textbooks/supplemental reading materials developed by ZEEP trained teachers, published and distributed (Text, Custom)



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	Developed textbooks and supplemental reading materials printed and distributed to at least 60% of the target schools
Date	27-Mar-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This a new indicator added following the AF and progress will be reported in the subsequent missions.			
<b>► Improved textbook management system in place and being used. (Text, Custom, PBC)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	29-Jun-2018	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	Piloting of the reforms has been completed. Endorsement and adoption are remaining for the system to be in place			
<b>► Teachers recruited or trained (Number, Corporate)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	2,579.00	2,579.00	21,240.00
Date	25-Aug-2017	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is an indicator on teacher trained. 58% achievement against the parent project target			
<b>□ Teachers recruited or trained - Female (RMS requirement) (Number, Corporate Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	229.00	1,429.00	1,429.00	6,372.00
<b>► Teacher Development Data Platform (TDDP) developed and used (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	45% of target teachers use TDDP
Date	29-Jun-2018	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a Parent Project indicator. The platform is yet to be developed.			
<b>► Teacher Internship Program developed and implemented (TIP) (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	No	No	No	TIP evaluated and strategic way forward developed
Date	27-Mar-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added with the AF and progress will be reported in the subsequent missions.			
<b>► Teacher database for all districts established and used (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Dissemination of the evaluation results
Date	27-Mar-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added with the AF and progress will be reported in the subsequent missions.			
<b>► Development and use of TPDI-based teacher recruitment (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	New teachers selected through TPDI-based assessment recruited
Date	27-Mar-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added with the AF and progress will be reported in the subsequent missions.			
<b>► Development of TPDI-based teacher training packages (Text, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Not developed	Not developed	Not developed	Second – round TPDI-based teacher training packages implemented
Date	27-Mar-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added with the AF and progress will be reported in the subsequent missions.			

<b>Increasing access to safe secondary schools</b>				
<b>► Girls using the newly constructed dormitories (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	1,500.00
Date	29-Jun-2018	29-Jun-2018	20-Dec-2021	31-Dec-2025
Comments:	This is a parent project indicator that was modified following the AF. Girls dormitories are being constructed under phase II and progress will be reported once construction is completed.			



► Classrooms constructed - completed and ready for use in selected expansion schools (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	351.00	410.00	910.00
Date	29-Jun-2018	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a parent project indicator that was modified following the AF. 100% achieved against the parent project target and 45% achieved against the new target with AF.			
► Development of costed nation-wide school infrastructure development plan (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	All works completed
Date	27-Mar-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added with the AF and progress will be reported in the subsequent missions.			
► Government primary and secondary schools in targeted districts provided with functional toilets (for girls) and water facility (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Baseline to be established after the costed nation-wide school infrastructure development plan developed	Baseline to be undertaken	Baseline to be undertaken	100% target achieved
Date	27-Mar-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added with the AF and progress will be reported in the subsequent missions.			

Strengthening institutional capacities for education service delivery and project management				
► PEOs and DEBSs oriented on the use of GIS school mapping (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Based on the available GIS data, 4,674 schools were unmapped, the coordinates for these schools were to be collected under the parent project. Collection of geo coordinates underway	Collection of GIS coordinates underway and validation of collected coordinates to produce school maps is also ongoing	Status remains as reported in the last mission.	80 percent of the PEOs and DEBS oriented on the use of the GIS school mapping
Date	29-Jun-2018	04-Jun-2020	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator following the AF and progress will be reported in the subsequent missions.			



► Capacity building activities conducted for MoGE staff/PEOs and DEBS (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Baseline to be based on the capacity needs assessment	Status remains the same as in the previous mission. The trainings conducted were not complete to count towards the measurement of the indicator	Status remains the same as in the previous mission. The trainings conducted were not complete to count towards the measurement of the indicator	Evaluation of the trainings and dissemination of evaluation findings
Date	29-Jun-2018	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a parent project indicator that was modified following the AF. Progress will be reported in the subsequent missions.			
► Improved EMIS data collection, analysis, and dissemination (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	29-Jun-2018	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator following the AF and progress will be reported in the subsequent missions			
► Policy study/evaluation conducted (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	31-Dec-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added with the AF and and progress will be reported in the subsequent missions			
► Grievances received through GRM addressed within the stipulated response time (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	60.00
Date	31-Dec-2020	04-Jun-2021	20-Dec-2021	31-Dec-2024
Comments:	This is an AF indicator and progress will be reported in the subsequent missions.			
► Target schools that display funds received and spent on school notice (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	80.00





Date	31-Dec-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is an AF indicator and progress will be reported in the subsequent missions.			

Enhancing institutional capacity for implementation of safe school program

► Guidance and counselling teachers/school gender focal persons in project target schools trained on SRGBV and Safe Schools Program (Percentage, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	85.00
Date	31-Dec-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added with the AF and and progress will be reported in the subsequent missions.			

► MoGE staff/PEOs and DEBS trained on Safe School Program and SRGBV (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	100 % of PEOs and project target districts staff receiving sensitization refresher
Date	31-Dec-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added with the AF and and progress will be reported in the subsequent missions			

► Safe school program developed and implemented in schools in target districts (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	70% of schools implementing top two priorities of the safe school plan
Date	31-Dec-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	This is a new indicator added with the AF and and progress will be reported in the subsequent missions.			

► SMC and PTA meetings held to discuss progress of ZEEP implementation (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	382.00	382.00	382.00	2,700.00
Date	31-Dec-2020	04-Jun-2021	20-Dec-2021	31-Dec-2025
Comments:	Target for the PTA meetings under the parent project has been met and 14% achieved against the new target with the AF.			



Performance-Based Conditions

►PBC 1 Teachers achieving increased competences in subject and pedagogical content knowledge in mathematics, science and language arts as prescribed in curriculum (disaggregated by education level). (Text, Outcome, 26,000,000.00, 0.00%)				
	Baseline	Actual (Previous)	Actual (Current)	Year 6
Value	Baseline figures set at Zero with progress monitored from the surveys to be conducted by ECZ	The percent of teachers with increased pedagogical skills and subject content knowledge in mathematics at Grade 9 has been achieved at 10 percent based on the parent project target while only 4 percent has been achieved in science. Assessment at Grade 5 has been completed and results against the parent project target shows minimum improvement in both mathematics and science. Against the 10 percent target, six (6) percent was achieved in mathematics and 3 percent achieved in science.	The results remain unchanged from the previous mission. Language art will be report in line with the set target in the AF once baseline is established.	--
Date	--	04-Jun-2021	20-Dec-2021	--

►PBC 2 Improved textbook management system in place and being used. (Text, Intermediate Outcome, 15,000,000.00, 6.67%)				
	Baseline	Actual (Previous)	Actual (Current)	Year 6
Value	No	No	No	--
Date	--	04-Jun-2021	20-Dec-2021	--
Comments:	The YR 0 DLR achieved.			

►PBC 3 Improved teacher recruitment and deployment (Text, Intermediate Outcome, 10,000,000.00, 0.00%)				
	Baseline	Actual (Previous)	Actual (Current)	Year 6





Value	0.00	0.00	0.00	--
Date	--	04-Jun-2021	20-Dec-2021	--

<b>► PBC 4 Enhancing institutional capacity for implementation of safe school program (Text, Output, 9,000,000.00, 0.00%)</b>				
	Baseline	Actual (Previous)	Actual (Current)	Year 6
Value	Baseline will be undertaken	0.00	0.00	--
Date	--	04-Jun-2021	20-Dec-2021	--

### Data on Financial Performance

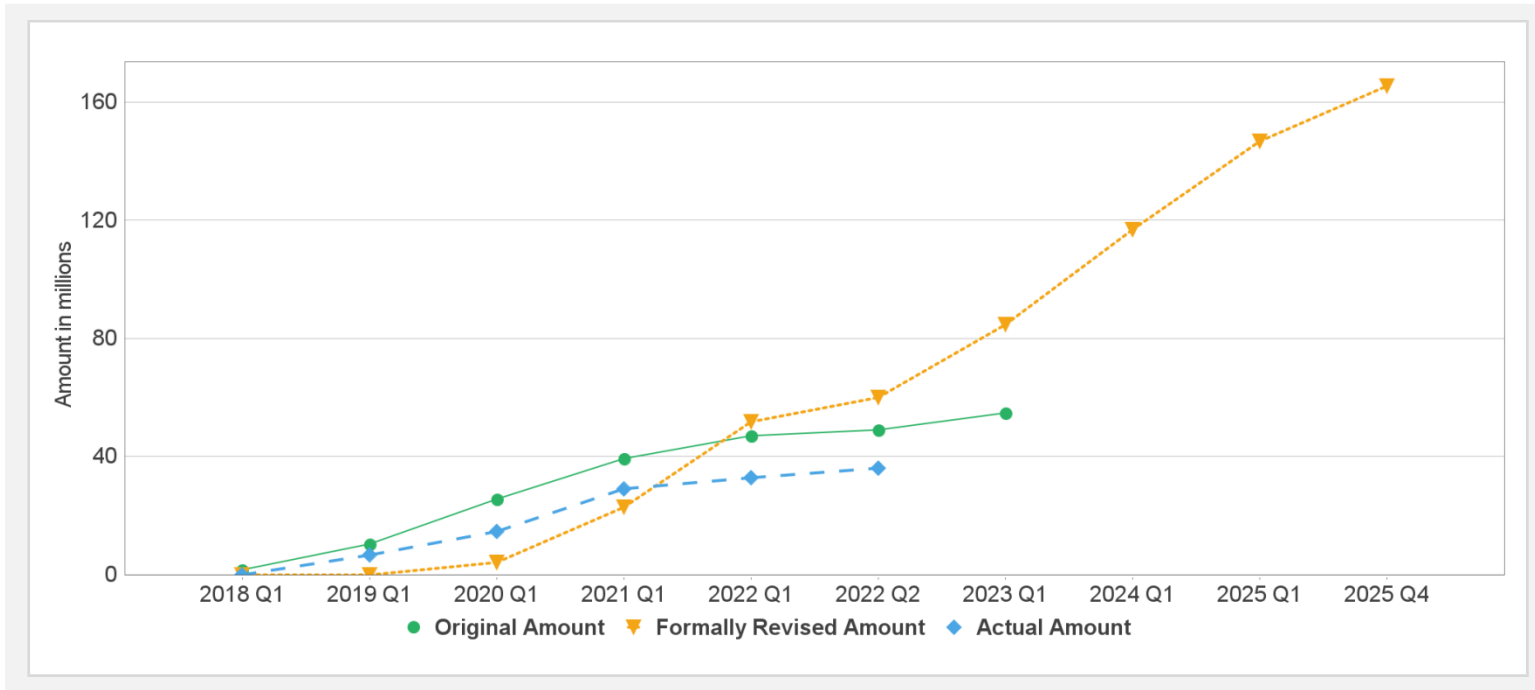
#### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P158570	IDA-61360	Effective	USD	60.00	60.00	0.00	36.04	24.26	 60%
P158570	IDA-66300	Effective	USD	120.00	120.00	0.00	0.00	124.18	 0%

#### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P158570	IDA-61360	Effective	29-Aug-2017	26-Feb-2018	09-Apr-2018	31-Oct-2022	31-Oct-2022
P158570	IDA-66300	Effective	21-May-2020	20-Sep-2021	05-Oct-2021	31-Dec-2024	31-Dec-2025

#### 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

There has been no restructuring to date.

### Related Project(s)

P169288-Zambia Education Enhancement GPE Additional Financing ,P170513-Zambia Education Enhancement Project