

PMR Public Report

Operation Number	BL-L1030	Chief of Operations Validation Date	03/29/23
Year- PMR Cycle	Second period Jan-Dec 2022	Division Chief Validation Date	05/01/23
Last Update	03/28/23	Country Representative Validation Date	05/11/23
PMR Validation Stage	Validated by Representative		

Basic Data

Operation Profile

Operation Name	Education Quality Improvement Program (EQIP) II	Loan Number	4798/OC-BL
Executing Agency	MINISTRY OF EDUCATION, CULTURE, SCIENCE AND TECHNOLOGY	Sector/Subsector	EDUCATION-SECONDARY EDUCATION
Team Leader	NASLUND-HADLEY, EMMA INGRID	Overall Stage	Disbursing (From eligibility until all the Operations are closed)
Operation Type	Loan Operation	Country	Belize
Lending Instrument	Investment Loan	Convergence related Operation(s)	BL-J0002
Borrower	BELIZE		

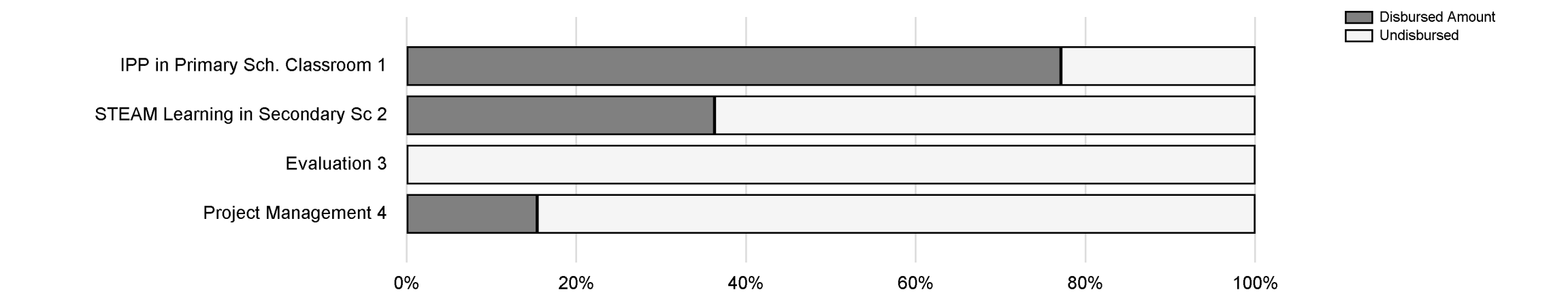
Environmental and Social Safeguards

Impacts Category	C	Was/Were the objective(s) of this operation reformulated?	NO
Safeguard Performance Rating		Date of approval	
Safeguard Performance Rating - Rationale			

Financial Data

	Total Cost and Source					Available Funds (US\$)			
Operations	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	% Disbursed	Undisbursed Amount
BL-J0002	2,500,000	2,500,000	0	0	2,500,000	2,500,000	1,389,802	55.59%	1,110,198
BL-L1030	10,000,000	10,000,000	100,000	0	10,100,000	10,000,000	5,559,207	55.59%	4,440,793
Aggregated	12,500,000	12,500,000	100,000	0	12,600,000	12,500,000	6,949,009	55.59%	5,550,991

Expense Categories by Loan Contract (cumulative values)



Please note that inactive indicators and outputs are not displayed; totals in the actual cost table may not match the sum of the cost of the outputs displayed, due to the cost of inactive outputs.

RESULTS MATRIX

General Development Objectives

General Development Objectives Nbr. 1: Improve the quality and equity of education at the primary and secondary levels

Observation:

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2025	
1.0	Test of female STEAM skills relative to that without the program (counterfactual) – 2nd form	Standard Deviations	0	2024	2024	P	.24
						A	-

Details

Means of Verification: RCT Evaluation.

Observations: The PEU is responsible for contracting.

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2025	
1.1	Test of male STEAM skills relative to that without the program (counterfactual) – 2nd form	Standard Deviations	0	2024	2024	P	.24
						A	-

Details

Means of Verification: RCT Evaluation.

Observations: The PEU is responsible for contracting.

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2025	
1.2	Sense of belonging measure relative to that without the program (counterfactual) – 2nd form	Standard Deviations	0	2024	2024	P	.24
						A	-

Details

Means of Verification: RCT Evaluation.

Observations: The PEU is responsible for contracting.

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			

Indicator		Unit of Measure	Baseline	Baseline Year	Expected Year of Achievement	EOP 2025	
1.3	Spillover effect measure on science content knowledge – Standard 6	%	61.5	2017	2024	P	64
						A	-

Details

Means of Verification: RCT Evaluation.

Observations: The PEU is responsible for contracting.

The General Development Objective indicator target is expected to be observed by the operation's "Fully Justified" date in Convergence (CO): No

--	--	--	--	--	--	--	--

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	

RESULTS MATRIX														
Specific Development Objectives														
Specific Development Objectives Nbr. 1: Improve the quality of primary school teachers by expanding the inquiry- and problem-based learning approach														
Observation:														
	Indicator			Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
1.0	Pedagogical practice index at the primary level – Standard 5.			%	30	2017	P	-	-	-	-	35	-	35
							A	-	-	-	-	-	-	-
Details														
Means of Verification: TSVI assessment contracted by PEU.														
Observations:														
Evaluation Methodology: -														
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator										
	Indicator			Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
1.1	Quality of lessons index at the primary level – Standard 5			%	39	2017	P	-	-	-	-	47	-	47
							A	-	-	-	-	-	-	-
Details														
Means of Verification: CLASS assessment contracted by the PEU.														
Observations:														
Evaluation Methodology: -														
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator										
	Indicator			Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
1.2	Non-migrant students benefiting from trained teachers at the primary level.			# of students	0	2019	P	-	-	6,000	10,000	8,840	-	24,840
							A	-	-	37,030	-	-	-	-
Details														
Means of Verification: Project Progress Report, prepared by the PEU														
Observations:														
Evaluation Methodology: -														
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	2.1 Students benefited by education projects (#) (C)									
Disaggregation			Male				P	-	-	3,000	5,000	4,420	-	12,420
							A	-	-	18,513	-	-	-	-
			Female				P	-	-	3,000	5,000	4,420	-	12,420
							A	-	-	18,517	-	-	-	-
	Indicator			Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
1.4	Migrant students benefitting from trained teachers at the primary level.			# of students	0	2020	P	-	-	-	2,760	-	-	2,760
							A	-	-	9,257	-	-	-	-
Details														
Means of Verification: Project Progress Report, prepared by the PEU														
Observations:														
Evaluation Methodology: -														
Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	2.1 Students benefited by education projects (#) (C), 2.6 Beneficiaries of initiatives that support migrants and their host communities (#) (C)									

Disaggregation		Male						P	-	-	1,000	380	-	-	1,380
								A	-	-	4,625	-	-	-	4,625
		Female						P	-	-	1,000	380	-	-	1,380
								A	-	-	4,632	-	-	-	4,632

Specific Development Objectives Nbr. 2: Improve the quality of secondary education teachers by improving teaching practices with a focus on student-centered science and mathematics learning.

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
2.0	Pedagogical practice index at the secondary level.	%	0	2024	P	-	-	-	-	-	-	-
					A	-	-	-	-	-	-	-

Details

Means of Verification: TSVI assessment contracted by PEU.

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator		

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
2.1	Quality of Teaching Index at the secondary level	%	0	2024	P	-	-	-	-	-	-	-
					A	-	-	-	-	-	-	-

Details

Means of Verification: CLASS assessment contracted by the PEU.

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator		

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
2.2	Students beneficiaries enrolled in the STEAM Laboratory School	# of students	0	2019	P	-	-	-	100	100	-	200
					A	-	-	-	100	-	-	100

Details

Means of Verification: Project Progress Report, prepared by the PEU

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	2.1 Students benefitted by education projects (#) (C)	

Disaggregation		Male			P	-	-	-	50	50	-	100
					A	-	-	-	50	-	-	50
		Female			P	-	-	-	50	50	-	100
					A	-	-	-	50	-	-	50

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
2.5	Students benefitted by teachers trained in IPP STEAM education	# of students	0	2019	P	-	-	-	-	11,088	-	11,088
					A	-	-	6,944	-	-	-	6,944

Details

Means of Verification: Project Progress Report, prepared by the PEU

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	2.1 Students benefited by education projects (#) (C)									
Disaggregation		Male				P	-	-	-	-	5,544	-	5,544	
						A	-	-	3,333	-	-	-	3,333	
		Female				P	-	-	-	-	5,544	-	5,544	
						A	-	-	3,611	-	-	-	3,611	
Indicator				Unit of Measure	Baseline	Baseline Year	2020	2021	2022	2023	2024	2025	EOP 2025	
2.7	Migrant students benefitted by teachers trained in IPP STEAM education			# of students	0	2020	P	-	-	-	-	1,232	-	1,232
							A	-	-	1,736	-	-	-	1,736

Details

Means of Verification: Project Progress Report, prepared by the PEU

Observations:

Evaluation Methodology: -

Pro-Gender	No	Pro-Ethnicity	No	CRF indicator	2.1 Students benefited by education projects (#) (C), 2.6 Beneficiaries of initiatives that support migrants and their host communities (#) (C)							
Disaggregation		Female			P	-	-	-	-	616	-	616
					A	-	-	903	-	-	-	903
		Male			P	-	-	-	-	616	-	616
					A	-	-	833	-	-	-	833

Specific Development Objectives Nbr. 3: Promote gender-sensitive STEAM teaching.

Observation:

	Indicator	Unit of Measure	Baseline	Baseline Year		2020	2021	2022	2023	2024	2025	EOP 2025
3.0	Gender Sensitive Pedagogical practice index at the secondary level relative to that without the program (counterfactual)	%	0	2024	P	-	-	-	-	5	-	5
					A	-	-	-	-	-	-	-

Details

Means of Verification: INERSECT sex equity classroom index

Observations:

Evaluation Methodology: -

Pro-Gender	Yes	Pro-Ethnicity	No	CRF indicator								

RESULTS MATRIX

OUTPUTS: ANNUAL PHYSICAL AND FINANCIAL PROGRESS

Component Nbr. 1 Inquiry- and Problem-based Learning in the Primary School Classroom

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2025	2022	EOP 2025
1.01	Primary school Principals, General and Local Managers, and Education Officers trained in school administration and education mangement.	#	P	200	320	200,000	400,000
			P (a)	200	434	200,000	350,000
			A	314	314	150,000	150,000
1.02	Parents trained to increase their participation in school management.	#	P	1,000	1,500	300,000	500,000
			P (a)	1,000	2,854	300,000	500,000
			A	2,854	2,854	300,000	300,000
1.03	Teachers trained in Inquiry- and Problembased learning	#	P	1,000	1,500	600,000	1,000,000
			P (a)	1,000	2,340	600,000	1,000,000
			A	2,340	2,340	600,000	600,000
1.04	Teachers trained in the support of migrant students including immersion English	# of beneficiaries	P	1,000	1,500	100,000	150,000
			P (a)	1,000	1,500	100,000	50,000
			A	-	-	-	-
1.05	Caregivers trained in multiculturalism and integration of migrant students.	# of beneficiaries	P	-	1,500	-	150,000
			P (a)	-	1,500	-	150,000
			A	-	-	-	-
1.06	eLearning devices for hybrid education with learning applications for offline use	#	P	-	3,700	-	1,700,000
			P (a)	-	3,609	-	1,700,000
			A	-	3,609	-	1,700,000

Component Nbr. 2 STEAM Learning in the Secondary School Classroom

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2025	2022	EOP 2025
2.01	Construction Document Package (Technical Drawings and Specifications) depicting the STEAM School Design approved.	#	P	-	1	-	660,000
			P (a)	-	1	-	660,000
			A	-	1	-	660,000
2.02	STEAM Lab School Constructed.	#	P	-	1	-	2,000,000
			P (a)	-	1	-	2,000,000
			A	-	-	-	-
2.03	STEAM Laboratory School Furnished.	#	P	-	1	-	1,000,000
			P (a)	-	1	-	1,299,889
			A	-	-	-	-
2.04	Teachers trained through STEAM laboratory school.	#	P	-	100	-	1,482,000
			P (a)	-	150	-	2,218,000
			A	92	92	736,000	736,000
2.05	Teachers trained inclusive education and management of multicultural environment, including immersion English.	#	P	-	100	-	220,000
			P (a)	-	100	-	220,000
			A	-	-	-	-
2.06	eLearning devices for hybrid education with learning applications for offline use	#	P	-	6,000	-	2,000,000
			P (a)	-	6,000	-	1,800,700
			A	-	6,000	-	1,800,700

Component Nbr. 3 Evaluation

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2025	2022	EOP 2025
3.01	Primary education endline completed.	#	P	-	1	-	60,000
			P (a)	-	1	-	60,000
			A	-	-	-	-
3.02	Video study secondary education completed.	#	P	-	1	-	50,000
			P (a)	-	1	-	50,000
			A	-	-	-	-
3.03	RCT Baseline report completed.	#	P	-	1	-	125,000
			P (a)	-	1	-	125,000
			A	-	-	-	-
3.04	Evaluation Endline report completed.	#	P	-	1	-	100,000
			P (a)	-	1	-	100,000
			A	-	-	-	-

Component Nbr. 4 Project Management

				PHYSICAL PROGRESS		FINANCIAL PROGRESS	
	Output	Unit of Measure		2022	EOP 2025	2022	EOP 2025
4.01	PEU Operated	#	P	1	5	133,600	668,000
			P (a)	1	5	133,600	476,283
			A	1	3	42,472	209,083

Other Cost				
	Contingencies	P	0	335,000
		P (a)	0	335,000
		A	0	0
Total Cost				
	Total Cost	P	1,333,600	12,600,000
		P (a)	1,333,600	13,094,872
		A	1,828,472	6,155,783

CHANGES TO THE MATRIX					
Section	Name	Type of Change	Sub type	Modified By	Entered in System
Output	Parents trained to increase their participation in school management.	Modify Output	Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	EMMAN	3/21/2023
	PEU Operated	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	ASTRIDS	3/8/2023
	Primary school Principals, General and Local Managers, and Education Officers trained in school administration and education mangement.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	ASTRIDS	3/8/2023
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	ASTRIDS	3/8/2023
	Teachers trained in Inquiry- and Problembased learning	Modify Output	Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	EMMAN	3/21/2023
	Teachers trained in the support of migrant students including immersion English	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	ASTRIDS	3/8/2023
	Teachers trained through STEAM laboratory school.	Modify Output	Modify Financial EOP P(a) value - caused by a change in the Financial P(a).	ASTRIDS	3/8/2023
			Modify Physical EOP P(a) value - caused by a change in the Physical P(a).	EMMAN	3/21/2023

RISKS AND PLANNED RESPONSES

Risk ID	Risk Status		Risk Taxonomy		
1	Inactive		Social Environment		
	Response Actions				
	1.01	Management Strategy		Status	
		MITIGATE		COMPLETE	
	1.02	Management Strategy		Status	
		MITIGATE		COMPLETE	

Risk ID	Risk Status		Risk Taxonomy
2	Inactive		Social Environment
	Response Actions		
	2.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy
3	Inactive		Human Resources
	Response Actions		
	3.01	Management Strategy	Status
		MITIGATE	ACTIVE

Risk ID	Risk Status		Risk Taxonomy		
4	Inactive		Internal Processes		
	Response Actions				
	4.01	Management Strategy		Status	
		ENHANCE		COMPLETE	

Risk ID	Risk Status		Risk Taxonomy		
5	Active		Systems		
	Response Actions				
	5.01	Management Strategy		Status	
		MITIGATE		ACTIVE	

Risk ID	Risk Status		Risk Taxonomy		
6	Inactive		Organizational Structure		
	Response Actions				
	6.01	Management Strategy		Status	
		SHARE		COMPLETE	
	6.02	Management Strategy		Status	
		SHARE		COMPLETE	

IMPLEMENTATION STATUS AND LEARNING

Lesson Learned - Categories
Project Management Capacity
Acquisitions and Procurement - Bidding Stage
Others - Technical-Sectorial Dimensions
Acquisitions and Procurement - Provider Performance and Supervision