



PMR Operational Report

Operation Number	EC-L1084	Chief of Operations Validation Date	
Year- PMR Cycle		Division Chief Validation Date	
Last Update		Country Representative Validation Date	
PMR Validation Stage		Current Validated Classification	

Basic Data

Operation Profile

Operation Name	Program for Strengthening the Preinvestment Cycle	Loan Number	2585/OC-EC
		Sector/Subsector	RM-PUB - REFORM / MODERNIZATION OF THE STATE-REFORM AND PUBLIC SECTOR SUPPORT
Executing Agency	INSTITUTO NACIONAL DE PREINVERSION	Overall Stage	Closed
Team Leader	GOMEZ REINO, JUAN LUIS	Country	ECUADOR
Operation Type	Loan Operation	PMR required	YES
Lending Instrument	Investment Loan	Convergence related Operation(s)	
Borrower	REPUBLICA DE ECUADOR		

Events Data

Supervision

Signature	12/02/11	The program¿s general objective is to support the Government of Ecuador in reducing the gap in the Annual Investment Plan (AIP) between what is planned and what is executed. The program¿s specific objective is to support the National Preinvestment Institute (INP) in increasing the percentage of projects that conduct preinvestment studies to demonstrate their technical and economic viability. To this end, an amount of US\$40 million is proposed to finance general and specific preinvestment studies during the next three years, in an attempt to achieve a critical mass of projects that can be included in the AIP.	
Ratification			
Legal effectiveness	12/02/11	Environmental and Social Safeguards	Expense Categories by Loan Contract (cumulative values)
Total Eligibility		Impacts Category	Was/Were the objective(s) of this operation reformulated?
Partial Eligibility	01/27/12	Risk	Date of approval
First Disbursement	02/13/12	Safeguard Performance Rating	
Original Disbursement Expiration	12/02/16	Safeguard Performance Rating - Rationale	
Current Disbursement Expiration	02/02/17	Financial Data	

Preparation		Total Cost and Source					Available Funds (US\$)			
		Item	Original IDB	Current IDB	Local Counterpart	Co-Financing / Country	Total Original Cost	Current IDB	Disb. Amount to Date	Undisbursed Amount
On pipeline	08/17/10									
Start date	09/30/10	EC-L1084	40,000,000	34,159,388.97	300,000	0	40,300,000	34,159,388.97	34,159,388.97	0
ERM	02/02/11	Aggregated	40,000,000	34,159,388.97	300,000	0	40,300,000	34,159,388.97	34,159,388.97	0
PP Approved	03/09/11									
POD Approved	08/04/11									
DLP Approved by OPC	08/31/11									
Negotiation	09/01/11									
Operation Approved	09/28/11									

Development Effectiveness Matrix

Economic Analysis

Undefined	No	<div><div>FINANCIAMIENTO DE PREINVERSION 01000000</div><div><div></div><div></div></div><div>0%20%40%60%80%100%</div></div>	
Cost benefit analysis	Yes		
Cost effectiveness analysis	No		
General economic analysis (Economic rate of return)	No		
Evaluation			
Undefined	No		
Random assignment	No		
Non-experimental method	No		
Ex-post cost benefit analysis	Yes		
Ex-post cost effectiveness analysis	No		
Before/after or With/without comparison	No		

Please note that the Overall Stage represents the stage of the operation at the time of this report’s publication, which might not necessarily match the stage of the operation during the PMR Cycle to which the report pertains

RESULTS MATRIX

IMPACTS

Impact Nbr. 1: Reducción de la brecha entre lo programado y lo ejecutado del plan anual de inversiones

Observation: El indicador de impacto será modificado de acuerdo a la información levantada en la línea de base

Indicator		Unit of Measure	Baseline	Baseline Year			2017	EOP 2017	
1.1	Retraso promedio en la ejecución respecto del plazo de ejecución programado originalmente	Porcentaje	43.0	2011		P		26.00	
						P(a)		26.00	
						A		0.00	
	Details								
	Means of verification: Sistema de Seguimiento y Evaluación								
	Observations: Se tiene previsto desarrollar la metodología de monitoreo de resultados e impactos en la ATN FG-12779-EC								
	Pro-Gender	No	Pro-Ethnicity	No	CRF indicator				
				Strategic Alignment					

## RESULTS MATRIX

### OUTCOMES

**Outcome Nbr. 1:** Incremento en el PAI de programas con estudios de preinversión preparados por el INP

**Observation:** El indicador de resultado será modificado de acuerdo a la información levantada en la línea de base.

	Indicator	Unit of Measure	Baseline	Baseline Year			2017	EOP 2017
1.1	Porcentaje de proyectos con estudios de preinversión incorporados al PAI	Porcentaje	31.0	2011		P		38.00
						P(a)		38.00
						A		46.00
	Details							
	Means of verification: Estudio de demanda preinversión /Sistema de seguimiento y evaluación							
	Observations: La línea de base y las metas establecidas serán verificadas nuevamente por el INP con el PAI del 2012. Por lo tanto, las metas anuales no se registrarán hasta que se tengan los resultados de la medición.							
	Pro-Gender	No	Pro-Ethnicity	No	CRF indicator			
					Strategic Alignment			

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RESULTS MATRIX

OUTPUTS PHYSICAL PROGRESS

Component Nbr.1: Formulación de Programas de Inversión Pública												
Output				Unit of Measure		2012	2013	2014	2015	2016	2017	EOP 2017
1.1	P1. Estudios Estratégicos Sectoriales Finalizados.			Estudios	P			4				4
					P(a)		1	1		0		2
					A	0	0	1	1	0	0	2
	Details											
	Means of verification:											
	Pro-Gender	No	CRF indicator									
	Pro-Ethnicity	No	Strategic Alignment									

Output			Unit of Measure		2012	2013	2014	2015	2016	2017	EOP 2017
1.2	P2. Estudios de pre factibilidad, factibilidad e ingeniería básica finalizados.		Estudios	P		4	5	6			15
				P(a)		5	14	8	9	3	41
				A	0	13	11	5	9	5	43
	Details										
	Means of verification:										
	Pro-Gender	No	CRF indicator								
	Pro-Ethnicity	No	Strategic Alignment								

Output			Unit of Measure		2012	2013	2014	2015	2016	2017	EOP 2017
1.3	P3. Estudios complementarios finalizados		Estudios	P		2	5	4			11
				P(a)		0	1	1	0	1	3
				A	0	0	0	0	2	1	3
	Details										
	Means of verification:										
	Pro-Gender	No	CRF indicator								
	Pro-Ethnicity	No	Strategic Alignment								

OUTPUTS FINANCIAL PROGRESS (US\$)

Component Nbr.1: Formulación de Programas de Inversión Pública											Component revised cost
											34,504,114.15
Output			Unit of Measure		2012	2013	2014	2015	2016	2017	EOP 2017
1.1	P1. Estudios Estratégicos Sectoriales Finalizados.		Estudios	P	231,700	1,130,300	350,000				1,712,000
				P(a)	231,700	498,788	240,827.84	287,500			679,406
				A	0	232,579	159,327	78,300	0	0	470,206

Output			Unit of Measure		2012	2013	2014	2015	2016	2017	EOP 2017
1.2	P2. Estudios de pre factibilidad, factibilidad e ingeniería básica finalizados.		Estudios	P	3,800,000	9,339,546	8,256,631	4,553,321			25,949,498
				P(a)	3,800,000	8,836,342	12,798,893	8,661,015	6,541,182.93	1,598,077	25,863,909
				A	2,755,745	7,153,105	6,859,211	3,806,479	3,691,292	1,464,429	25,730,261

Output			Unit of Measure		2012	2013	2014	2015	2016	2017	EOP 2017
1.3	P3. Estudios complementarios finalizados		Estudios	P		3,341,590	4,614,245	4,482,667			12,438,502
				P(a)		2,960,325	4,218,064	1,839,680	1,587,894.79	769,710.15	7,960,799.15
				A	698,352	3,216,729	188,234	1,499,879	1,587,895	769,711	7,960,800

Other Cost

Output					2012	2013	2014	2015	2016	2017	Cost
	Auditoría			P	50,000	50,000	100,000	50,000	50,000		300,000
				P(a)	50,000	50,000	100,000	96,640	19,040	21,000	107,440
				A	0	35,000	23,400	9,000	19,040	19,504.8	105,944.8

Total Cost

Output					2017	Cost
	Total Cost			P		40,400,000
				P(a)	2,388,787.15	34,611,554.15
				A	2,253,644.8	34,267,211.8

## CHANGES TO THE MATRIX

No information available for this section

## FINDING AND RECOMMENDATIONS

### Findings and Recomendations

No information available for this section

EVALUATION TRACKING

Please specify Evaluation Name

Evaluation							
Evaluation Methodology as per DEM:		Cost-Benefit Analysis Ex Post					
Current Evaluation Methodology:		Cost-Benefit Analysis Ex Post		Status of the evaluation:			
Stage:		Pre-Internvention (Ex Ante)		Expected Date of Final Evaluation Report:		11/11/2016	
Main Topic of the Intervention:		WATER AND SANITATION		Responsible:		Project Team	
Other Topics of the Intervention:				Information on Responsible:			
Main Topic of the Evaluation:		WATER AND SANITATION					
Other Topics of the Evaluation:							
Funding				Comments			
Source of funding:		Other		Date: 03/28/2016 Evaluation has not been contracted yet.			
Amount in USD (Thousands):		0		User: karena			
Code:							
Total amount in USD (Thousands) spent to date in data collection:		0					
Documents							
Stage	Type of document	Name	Description	Creation date	Document Number	Permission	User

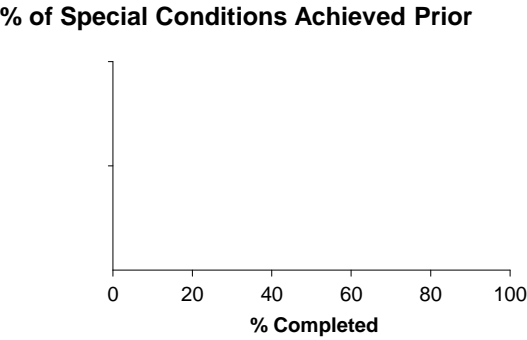
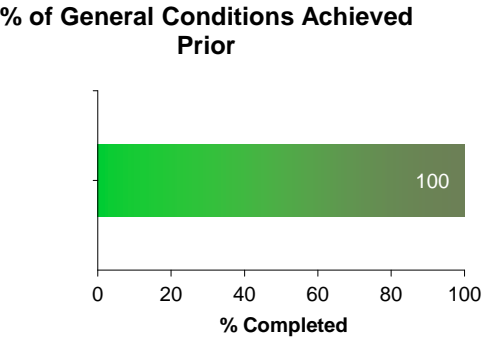
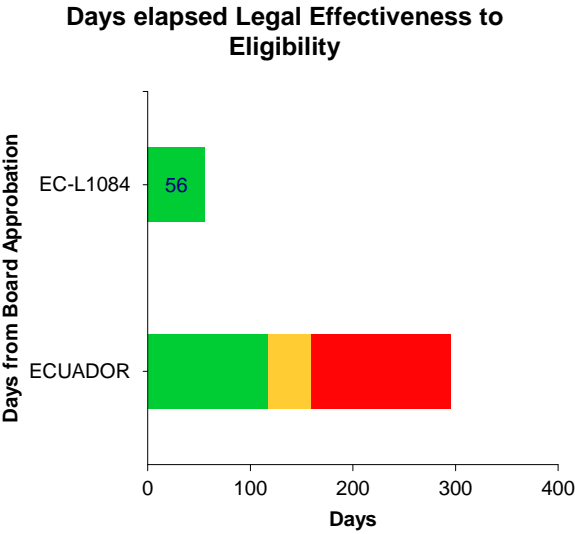
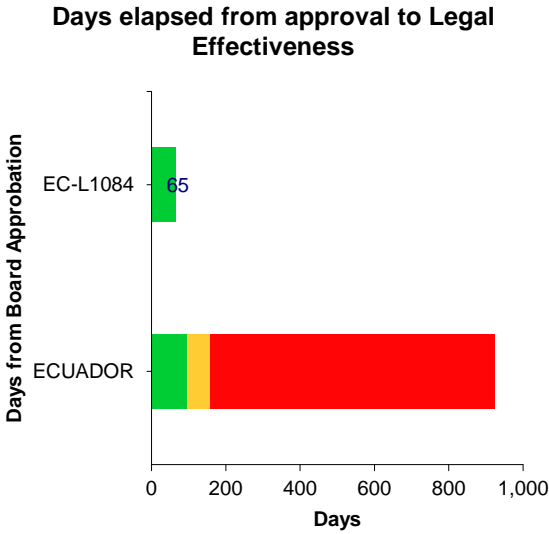
## Validation Process

No information available for this section

MONITORING INDICATORS

Stage 1: From Approval to Eligibility

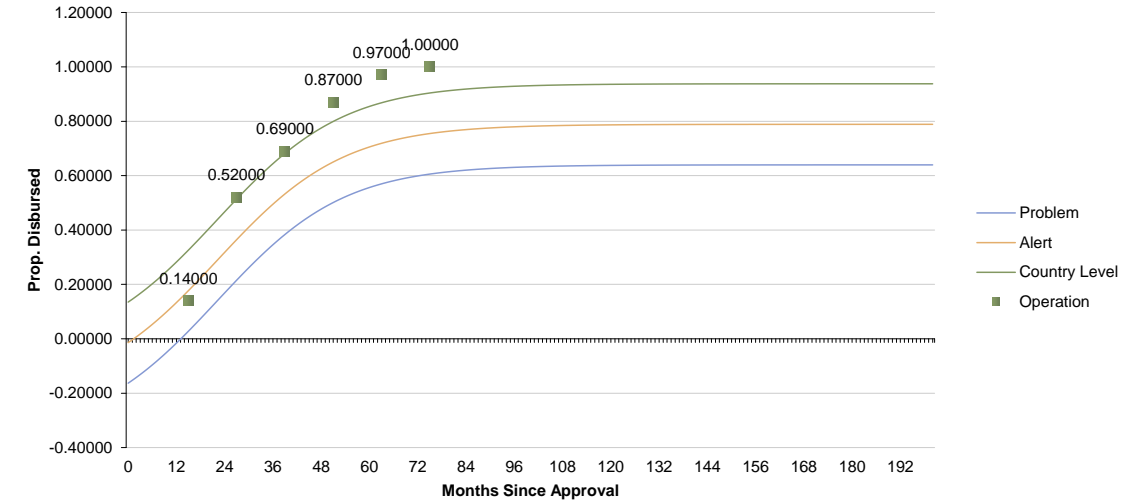
INDICATOR_I	PROJ_IND_VAL	Benchmark Indicator Value			
		Satisfactory	Alert	Problem	Traffic Light
Days elapsed from approval to Legal Effectiveness	65	0 <= I <= 97 days	97 days <= I <= 158.5 days	> 158.5 days	SATISFACTORY
Days elapsed Legal Effectiveness to Eligibility	56	0 <= I <= 117.5 days	117.5 days <= I <= 159.25 days	> 159.25 days	SATISFACTORY
% of General conditions prior achieved	100%	N/A	N/A	N/A	For tracking purpose only
% of Special conditions prior achieved	0%	N/A	N/A	N/A	For tracking purpose only



MONITORING INDICATORS

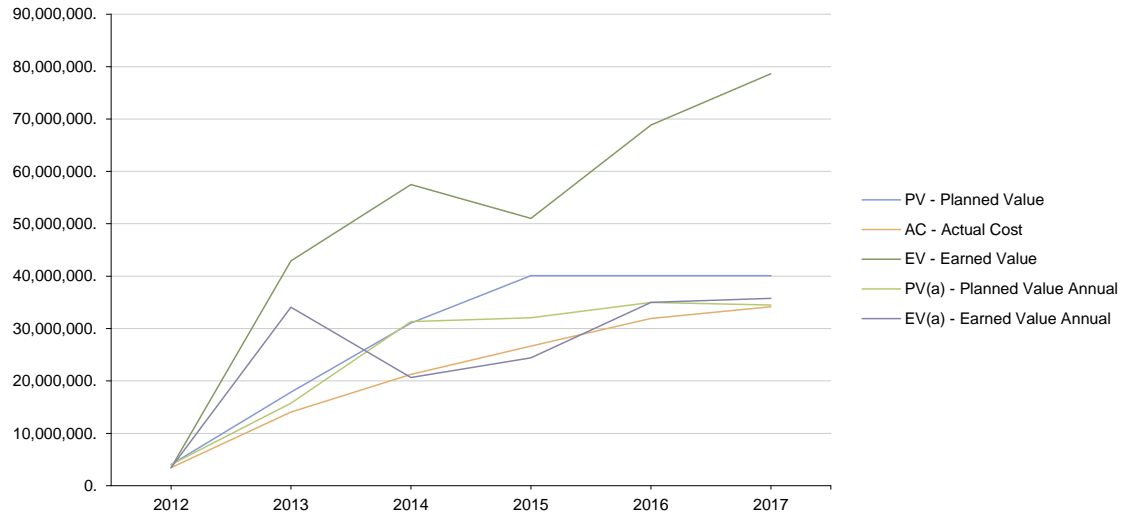
Stage 2: After Eligibility

Indicator (I)	roject Indicator Valu	Benchmark Value				Traffic Light
		Satisfactory	Alert	Problem	Outlier	
Synthetic Indicator (SI)	2.76	2.5 <= I	2<=I<2.5	I<2	N/A	SATISFACTORY
Accumulated disbursements to country's historic disbursements	1	1 >= I > 0.75	0.75 >= I >=0.61	0.61> I >= 0	N/A	SATISFACTORY
Cost Performance Index (annual) - CPI(a)	1.05	0.80 <= I <= 2.00	0.40 <= I < 0.80	0.00 <= I < 0.40	>2.00	SATISFACTORY
Cost Performance Index - CPI	2.3	0.80 <= I <= 2.00	0.40 <= I < 0.80	0.00 <= I < 0.40	>2.00	
Schedule Performance Index - SPI	1.96	0.80 <= I <= 2.00	0.40 <= I < 0.80	0.00 <= I < 0.40	>2.00	SATISFACTORY
Schedule Performance Index (annual)- SPI(a)	1.04	0.80 <= I <= 2.00	0.40 <= I < 0.80	0.00 <= I < 0.40	>2.00	SATISFACTORY
Expected additional execution duration (months)	-29.89	N/A	N/A	N/A	N/A	For tracking purpose only
% outputs achieved of the plan at operation start-up plan	1.96%	N/A	N/A	N/A	N/A	For tracking purpose only
% outputs achieved of the re-planned end of project (EOP)	2.25%	N/A	N/A	N/A	N/A	For tracking purpose only
Environmental and social safeguards performance rating	0	N/A	N/A	N/A	N/A	For tracking purpose only



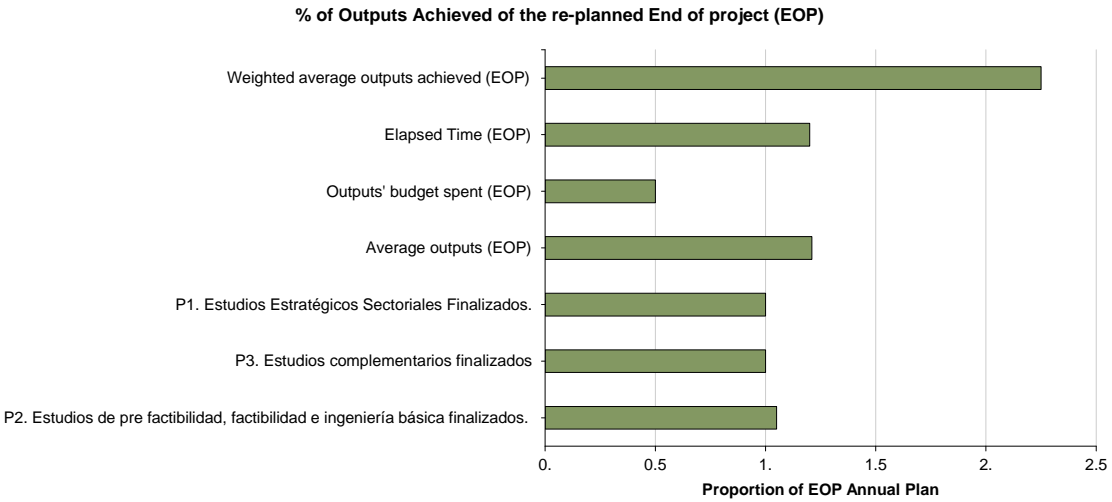
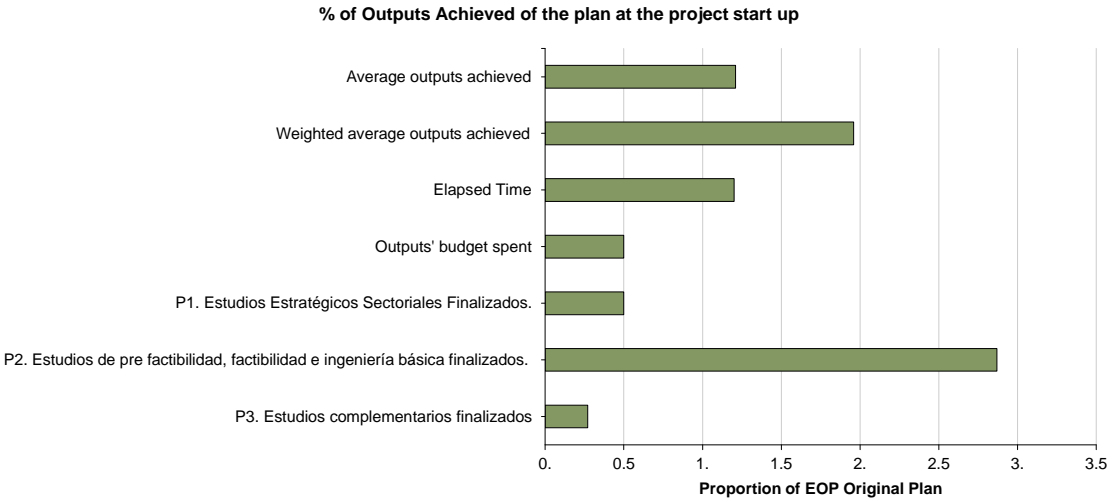
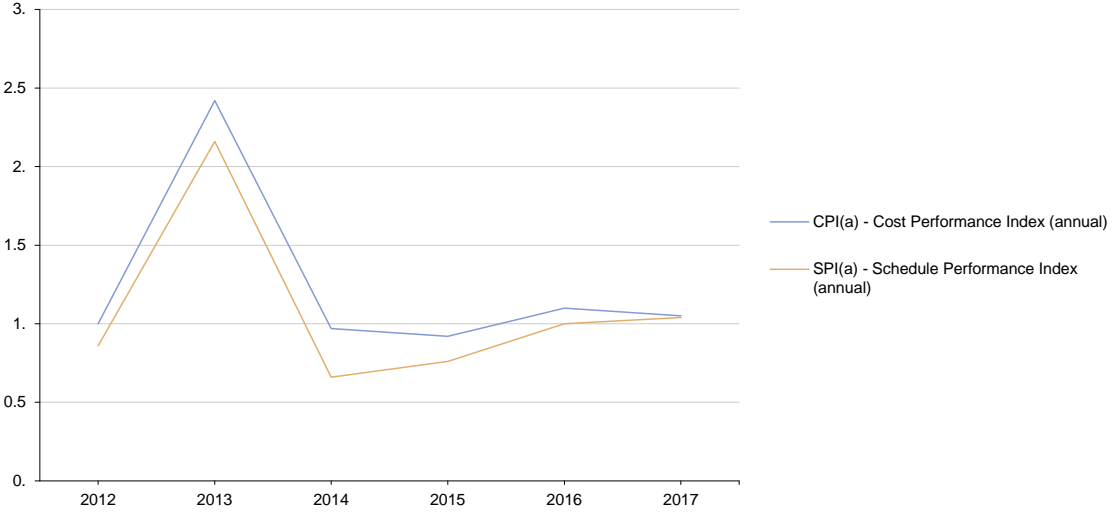
PV, AC, EV, PV(a), EV(a)

	2012	2013	2014	2015	2016	2017
PV	4,031,700.00	17,843,136.00	31,064,012.00	40,100,000.00	40,100,000.00	40,100,000.00
AC	3,454,097.00	14,056,510.00	21,263,282.00	26,647,940.00	31,927,127.00	34,161,267.00
EV	3,454,097.00	42,936,103.50	57,484,472.00	51,025,029.47	68,856,274.08	78,636,879.66
PV(a)	4,031,700.00	15,749,552.00	31,314,294.84	32,051,477.00	34,986,217.72	34,504,114.15
EV(a)	3,454,097.00	34,054,507.20	20,658,067.28	24,403,912.13	34,986,217.93	35,765,768.25



CPI, Annual CPI, SPI, Annual SPI

	2012	2013	2014	2015	2016	2017
CPI	1.00	3.05	2.70	1.91	2.16	2.30
CPI(a)	1.00	2.42	0.97	0.92	1.10	1.05
SPI	0.86	2.41	1.85	1.27	1.72	1.96
SPI(a)	0.86	2.16	0.66	0.76	1.00	1.04



MONITORING INDICATORS

Stage 3: After Operation Reaches 95% of total Disbursements

Indicator (I)	ject Indicator Value	Benchmark Value				Traffic Light
		Satisfactory	Alert	Problem	Outlier	
Synthetic Indicator (SI)	2.76	2.5 <= I	2<=I<2.5	I<2	N/A	SATISFACTORY
# of months elapsed after 95% disbursements reached	2	I <10.13	10.13<=I<18.11	I>18.11	N/A	SATISFACTORY
Accumulated disbursements to country's historic disbursements	1	1 >= I > 0.80	0.80 >= I >= 0.68	0.68 > I >= 0	>2.00	SATISFACTORY
Cost Performance Index (annual - CPI(a)	1.05	0.80 <= I <= 2.00	0.40 <= I < 0.80	0.00 <= I < 0.40	>2.00	SATISFACTORY
Cost Performance Index - CPI	2.3	0.80 <= I <= 2.00	0.40 <= I < 0.80	0.00 <= I < 0.40	>2.00	
Schedule Performance Index - SPI	1.96	0.80 <= I <= 2.00	0.40 <= I < 0.80	0.00 <= I < 0.40	>2.00	SATISFACTORY
Schedule Performance Index (annual)- SPI(a)	1.04	0.80 <= I <= 2.00	0.40 <= I < 0.80	0.00 <= I < 0.40	>2.00	SATISFACTORY
Expected additional execution duration (months)	-29.89%	N/A	N/A	N/A	N/A	For tracking purpose only
% outputs achieved of the plan at operation start-up plan	1.96%	N/A	N/A	N/A	N/A	For tracking purpose only
% outputs achieved of the re-planned end of project (EOP)	2.25	N/A	N/A	N/A	N/A	For tracking purpose only
Environmental and social safeguards performance rating	0	N/A	N/A	N/A	N/A	For tracking purpose only

