



## TA for Capacity Development in Hydropower and Mining Sector (P109736)

EAST ASIA AND PACIFIC | Lao People's Democratic Republic | Energy & Extractives Global Practice | IBRD/IDA | Investment Project Financing | FY 2010 | Seq No: 16 | ARCHIVED on 29-Apr-2019 | ISR36406 |

Implementing Agencies: Lao People's Democratic Republic, Ministry of Energy and Mines

## Key Dates

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Bank Approval Date: 12-Jan-2010

Effectiveness Date: 04-Aug-2010

Planned Mid Term Review Date: 14-Jan-2013

Actual Mid-Term Review Date: 25-Jan-2013

Original Closing Date: 30-Sep-2014

Revised Closing Date: 30-Sep-2019

## Project Development Objectives

Project Development Objective (from Project Appraisal Document)

Development objective is to increase human capacity and improve the performance of Government oversight institutions for the hydropower and mining sectors.

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

No

## Components

Name

Joint Hydropower and Mining Learning Program:(Cost \$5.34 M)

Hydropower Sector Development:(Cost \$10.22 M)

Mining Sector Development:(Cost \$8.55 M)

Project Administration and Management:(Cost \$2.18 M)

## Overall Ratings

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

## Implementation Status and Key Decisions

**Overall implementation progress is on-track and the project is scheduled to close on time.** The PDO to increase human capacity and improve the performance of Government oversight institutions for the hydropower and mining sectors are largely achieved. The Ministry of Energy and Mines (MEM) capacity building continued to be carried out under various components aiming to strengthen technical knowledge in sector planning and management. Institutional oversight to better govern the hydropower and mining sectors is continuing to improve. All critical technical assistance packages are under implementation – many have been completed and several are near completion - to develop tools and management systems to enhance MEM oversight capacity. Remaining support on dam safety review, and activities related to support on the Laos Vietnam Interconnector (LVI) preparation are also on track to be completed by the project close

## Risks

### Systematic Operations Risk-rating Tool

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

## Results

### PDO Indicators by Objectives / Outcomes

To increase human capacity in the hydropower and mining sectors				
▶ Percentage of trained GOL staff report medium to intensive use of knowledge and lessons learned from capacity building measures. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	83.00	80.00	80.00
Date	31-Aug-2010	28-Sep-2018	15-Feb-2019	30-Sep-2018
Comments:	<p><b>Achieved:</b> Four rounds of Tracer Studies conducted successfully by Department of Personnel and Organization (MEM) with 630 responded (491male, 139female), covering 22 Capacity Building Measures (CBM) of at least 5 days and organized by MEM Departments. The result shown 80% intensive and medium of using knowledge. Previously the result showed 83% - covering 15 Capacity Building Measures (CBM) of at least 5 days and organized by MEM Departments.</p>			
▶ Direct project beneficiaries (Number, Custom)				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	1,500.00	7,600.00	7,600.00	3,806.00
Date	11-Dec-2009	28-Sep-2018	15-Feb-2019	30-Sep-2018
Comments:	Over 7,600 beneficiaries including MEM, PDEMs, DDEMs as well as teachers and students from the three EIs beneficiaries (10% females).			
<b>Female beneficiaries (Percentage, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	1,525.00	1,525.00	570.00

To improve the performance of government oversight institutions for the hydropower & mining sectors

►Number of River Basins, where all Hydropower Projects are monitored for CA compliance. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	11.00	11.00	5.00
Date	31-Aug-2010	28-Sep-2018	15-Feb-2019	30-Sep-2018
Comments:	<b>Achieved:</b> Targets achieved and exceeded. About 11 river basins – where 48 Hydropower Projects are monitored for CA compliance			
<b>►Percentage of on-the-ground inspections of exploration/mining operations performed using improved systems and procedures in line with international practice. (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	72.00	72.00	50.00
Date	31-Aug-2010	28-Sep-2018	15-Feb-2019	30-Sep-2018
Comments:	<b>Cumulative target values achieved:</b> 61 mining projects of total 79 projects (79%) were inspected. The percentage of inspections conducted in 2018 is reduced (below 50%) due to re-organization of MEM, budgetary constraints and an unusually difficult wet season. HMTA has financed improved systems and procedures but not inspections.			

Intermediate Results Indicators by Components

Joint Hydropower and Mining Learning Program

►Number of GoL female and male personnel trained on technical aspects, such as contract management, financial analysis, accounting, environmental and social management. (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	819.00	819.00	750.00
Date	31-Aug-2010	28-Sep-2018	15-Feb-2019	30-Sep-2018
Comments:	Achieved and exceeded: 819 staff (182 women and 637 men)			



►Completed and operationalized the performance evaluation (KPI) system for MEM and PDEMs (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No KPI system in place	--	Achieved: Computerized KPI developed. Testing & Training for users completed. MEM used developed KPI to evaluate its staff in 2017. Further improvement on the HRIS and KPI has been completed and training was provided to DPO. MEM has approved the operationalization of the system at the end of 2018. MEM and PDEMs have used developed KPI for their staff performance assessment for 2018 and in the future.	Assessment of overall results
Date	31-Aug-2010	28-Sep-2018	15-Feb-2019	30-Sep-2018
Comments:	The end target for this indicator is to have the KPI system developed, operationalized and staff performance assessment conducted and results produced by utilizing the system.			

Hydropower Sector Development				
►Percentage of New Hydropower Power Purchasing Agreement (PPA) that are subject to the avoided costs methodology (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	31-Aug-2010	28-Sep-2018	15-Feb-2019	30-Sep-2018
Comments:	Achieved: Avoided cost methodology/model developed and applied 100 percent to 5 new PPAs since May 2016 (Namneun, Namnga, Nambi, Nammone, Namdik).			
►Completed power trade strategy and action plan. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No power trade strategy and action plan	--	Partially achieved: Draft White Paper available but not being issued. The GoL has adopted the Vision 2030, Strategic Development 2015	White Paper issued by MEM



			and 5 Year Energy and Mining Development Plan (2016-2020) – approved by in December 2017 - which considered some recommendations from the White Paper.	
Date	31-Aug-2010	28-Sep-2018	15-Feb-2019	30-Sep-2018
▶Percentage of new hydropower IPP applying the standard CA requirements. (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	100.00
Date	31-Aug-2010	28-Sep-2018	15-Feb-2019	30-Sep-2018
Comments:	<b>Achieved:</b> 100% Standard CA – updated DEB model with additional provisions in negotiation of new CAs completed. All new IPPs has applied this updated model.			
▶Approved Standard Operation Procedures (SOP) for IPP process. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No SOP	--	Partially achieved: Draft SOP is available, several public consultation workshops were carried out. Department of Legal (MEM) will lead the review of the revised SOP in consultation with agencies concerned before submitting to MEM Minister for consideration and approval by June 2019.	SOP endorsed by MEM
Date	31-Aug-2010	28-Sep-2018	15-Feb-2019	30-Sep-2018
▶Annual report on the implementation of the Policy on Sustainable Hydropower Development (PSHD). (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Original NPSH in place	--	Achieved: 2017-18 Annual Status Report is available. PSHD Draft Action Plan (2018-19) is also available. MEM has approved new PSHD criteria in December 2018. DEPP has conducted	PSHD approved by MEM and Annual Report on the implementation of the PSHD prepared



			a workshop in February 2019 and attended by MoRNE, MoF, MoFA, to disseminate new criteria and explain on how to apply new criteria and checklist for PSHD monitoring and required report to be submitted to DEPP in order to prepare status report for 2019.	
Date	31-Aug-2010	28-Sep-2018	15-Feb-2019	30-Sep-2018

Mining Sector Development				
►Model Mining Development Agreement approved by MEM (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	Non standardized terms and conditions for mining concession	--	Achieved and exceeded: The MDA has been adjusted to take into account the Mineral Law 2018 and is being employed by GoL in concession negotiations. HMTA financed input to the MDA before adjustment.	Draft MDA approved by MEM
Date	31-Aug-2010	28-Sep-2018	28-Sep-2018	30-Sep-2018
►Number of approved mining regulations. (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	20.00	20.00	12.00
Date	31-Aug-2010	28-Sep-2018	28-Sep-2018	30-Sep-2018
Comments:	Work is in progress with HMTA support to amend of the regulations approved prior to the Mineral Law 2018 and to prepare new ones.			
►Completed mining sector strategy and action plan. (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No strategy and action plan for mining sector	--	Achieved: The MEM sector strategies (required by the Mineral Law 2018 and Electricity Law), for which HMTA financed early inputs, have been approved by the	Sector Strategy approved by MEM



Prime Minister's Office.				
Date	31-Aug-2010	28-Sep-2018	28-Sep-2018	30-Sep-2018
▶ Geoscience infrastructure mapping (Geophysics & Geology) in two selected areas (Text, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No geodata	--	Achieved: Field mapping in two selected areas financed by HMTA has been completed and results reported.	Final deliverables & by products (100%)
Date	26-Aug-2016	28-Sep-2018	28-Sep-2018	30-Sep-2018

## Data on Financial Performance

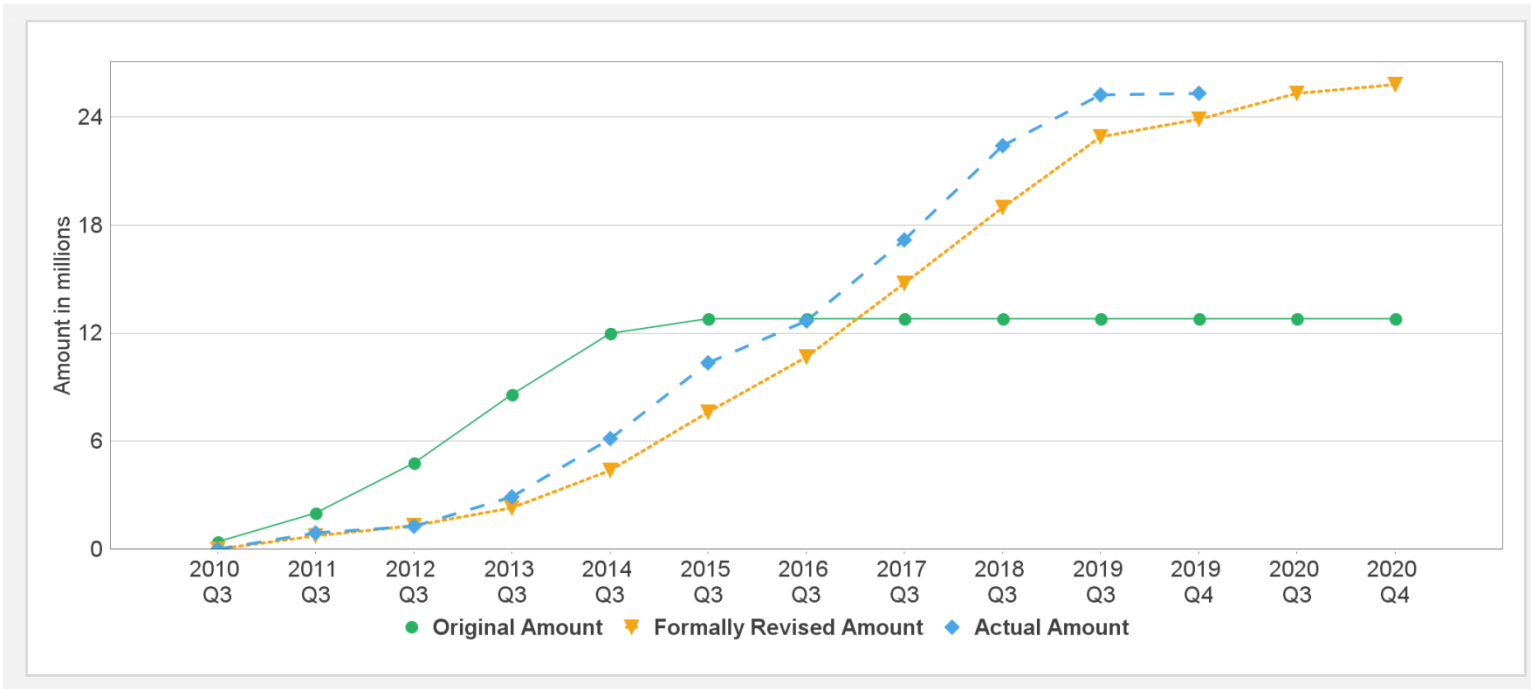
### Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P109736	IDA-54490	Effective	USD	8.90	8.90	0.00	7.18	0.97	88%
P109736	IDA-H5390	Closed	USD	8.00	8.00	0.00	7.58	0.00	100%
P109736	IDA-H9470	Effective	USD	8.90	8.90	0.00	8.03	0.00	100%
P109736	TF-99572	Closed	USD	2.54	2.54	0.00	2.54	0.00	100%

### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P109736	IDA-54490	Effective	03-Jun-2014	14-Aug-2014	23-Sep-2014	30-Sep-2018	30-Sep-2019
P109736	IDA-H5390	Closed	12-Jan-2010	08-Feb-2010	04-Aug-2010	30-Sep-2014	30-Sep-2018
P109736	IDA-H9470	Effective	03-Jun-2014	14-Aug-2014	23-Sep-2014	30-Sep-2018	30-Sep-2019
P109736	TF-99572	Closed	09-Apr-2012	09-Apr-2012	22-Aug-2012	01-Mar-2014	01-Mar-2014

### Cumulative Disbursements



### Restructuring History

Level Approved on 13-May-2013 ,Level 2 Approved on 29-Mar-2017 ,Level 2 Approved on 15-Jun-2018

### Related Project(s)

P148755-TA for Capacity Building in the Hydropower and Mining Sectors - AF