

Implementation Status & Results
Lao People's Democratic Republic
Lao PDR - Mainstreaming Disaster and Climate Risk Management into Investment Decisions (P129182)

Operation Name: Lao PDR - Mainstreaming Disaster and Climate Risk Management into Investment Decisions (P129182) Project Stage: Implementation Seq.No: 4 Status: ARCHIVED Archive Date: 08-Dec-2014

Country: Lao People's Democratic Republic Approval FY: 2012
 Product Line: Recipient Executed Activities Region: EAST ASIA AND PACIFIC Lending Instrument: Technical Assistance Loan
 Implementing Agency(ies): Ministry of Planning and Investment

Key Dates

Board Approval Date	28-Nov-2011	Original Closing Date	30-Jan-2015	Planned Mid Term Review Date	23-Mar-2014	Last Archived ISR Date	24-Jun-2014
Effectiveness Date	29-Feb-2012	Revised Closing Date	30-Jan-2015	Actual Mid Term Review Date	07-Apr-2014		

Project Development Objectives

Project Development Objective (from Project Appraisal Document)

The proposed program aims to strengthen the institutional authority and implementation capacity of the Government of Lao PDR at national and sub-national levels to mainstreaming disaster risk management and climate change adaptation into public infrastructure investments, thereby potentially decreasing the vulnerability of the population and national economy to climate change and natural hazards. The development objectives are expected to be achieved by :

- (i) integrating climate and disaster risk management into strategic national and sectoral planning and development policies;**
- (ii) improving the consideration of disaster and climate resilience in the implementation of public infrastructure;**
- (iii) enhancing the human and institutional capacity through training at national, provincial, district, and community level in the design and implementation of resilient infrastructure; and**
- (iv) implementing strategic structural and non-structural measures to enhance resilience in key growth sectors in two high-risk provinces.**

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

Yes No

Component(s)

Component Name	Component Cost
Risk Assessment	0.24
Mainstreaming Disaster and Climate Risk Management into Investments	0.24
Institutional Strengthening and Capacity Building	0.32
Pilot Projects in two Disaster Prone Provinces	1.21
Monitoring and Evaluation	0.05
Project Management	0.63

Overall Ratings

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

Implementation Status Overview

The project has made moderate progress towards achieving the mainstreaming of disaster and climate resilience into planning and budgeting cycles in key economic sectors. Under the Technical Assistance (TA) components of the project, which aims to strengthen the institutional authority and implementation capacity in mainstreaming disaster risk management, sectoral risk assessments were completed for three critical sectors (transport, irrigation, urban planning), and guidelines for mainstreaming disaster risk management into sectoral planning and budgeting processes were developed. Furthermore, training has been rolled out at national and local levels. To increase the sustainability of the TA outputs, a cooperation with the National University of Lao and vocational schools was started to develop training modules in these institutions. Five pilot projects will showcase the implementation of the guidelines through demonstration works in the road and irrigation sectors. The start of the projects is delayed. Yet, progress on these five pilots since the last mission in April 2014 includes the development of ground surveys, detailed designs and bidding documents. Bidding is underway and it is expected that the pilot contracts will be signed in December.

Locations

Country	First Administrative Division	Location	Planned	Actual
Laos	Viangchan	Kamphèng Nakhon Viangchan	✓	

Results

Project Development Objective Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
Direct project beneficiaries	<input checked="" type="checkbox"/>	Number	Value	0.00	0.00	20000.00
			Date	29-Feb-2012	31-Oct-2014	30-Jan-2015
			Comments	Scenario before project starts	The pilot implementation is delayed.	This is an approximate number of people expected to receive direct and indirect benefits from the piloted disaster resilience roads and irrigation schemes.
Female beneficiaries	<input checked="" type="checkbox"/>	Percentage Sub Type Supplemental	Value	0.00	0.00	50.00
Sectoral risk assessments in the transport, irrigation, and urban planning sectors completed.	<input type="checkbox"/>	Text	Value	None	Risk Assessments completed for the transport, irrigation, rural housing and urban planning sectors.	Completed Assessment

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			Date	29-Feb-2012	31-Oct-2014	28-Feb-2014
			Comments	As of project start, there is no comprehensive disaster risk assessment conducted thus far for transport, irrigation and urban planning sectors.		
Technical Capacity of MPWT and MAF at central and local levels will be enhanced in the areas of safe infrastructure design, implementation and monitoring.	<input type="checkbox"/>	Text	Value	None	Risk assessment training sessions delivered. Training courses in developing resilient infrastructure are taking place and are expected to be completed by January 2015.	Government staff from MPTW and MAF at both central and local levels being trained in the areas of safe infrastructure design, implementation and monitoring and able to apply those updated guidelines and manuals developed.
			Date	29-Feb-2012	31-Oct-2014	30-Jan-2015
			Comments			Government staff from MPTW and MAF at both central and local levels being trained in the areas of safe infrastructure design, implementation and monitoring and able to apply those updated guidelines and manuals developed.
Appropriate technology and technical guidelines and manuals developed by MPI, MPWT and MAF.	<input type="checkbox"/>	Text	Value		Guidelines have been developed and will be finalized based on comments from the Government and the Bank.	Technical guidelines and manuals developed/updated integrating DRM aspects
			Date	29-Feb-2012	31-Oct-2014	
			Comments	As of project start, relevant ministries have developed their technical guidelines and manuals based on traditional engineering methodologies. The project aims to improve these existing guidelines and manuals through integrating a comprehensive disaster risk assessment and scenarios taken into account the frequency and intensity of		

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disasters that are attributed by climate variabilities.

Intermediate Results Indicators

Indicator Name	Core	Unit of Measure		Baseline	Current	End Target
100 relevant technical personnel from Ministries concerned and provinces trained in safe infrastructure design, implementation and monitoring	<input type="checkbox"/>	Number	Value	0.00	90.00	100.00
			Date	29-Feb-2012	31-Oct-2014	30-Jan-2015
			Comments	Before project starts up	Further training on risk assessments and GIS will take place at national and local levels.	
100 engineers and masons from provinces, districts and communities trained on risk reduction practices	<input type="checkbox"/>	Number	Value	0.00	0.00	100.00
			Date	29-Feb-2012	31-Oct-2014	30-Jan-2015
			Comments	Before project starts up	Training modules, for example, on 'Safer Construction Practices in Hazard Prone Areas' were developed for technical personal and artisans in cooperation with the National University of Laos (NUL) as well as training and vocational centers. These modules will be incorporated into the regular curricula on these educational institutions.	
DRM integrated into existing strategies for transport , irrigation and urban planning	<input type="checkbox"/>	Text	Value		Selected existing standards were revised to include disaster and climate resilience in the road and irrigation sectors. Due to the lack of existing standards in the housing sector, new specifications were developed.	DRM integrated into the existing strategies
			Date	29-Feb-2012	31-Oct-2014	30-Jan-2015
			Comments	The DRM has been mainstreamed into the 7th National Socio-Economic Development Plan (NSEDPlan) and urban planning guideline (not yet the decree itself). No		

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				DRM assessment and mainstreaming in the design manuals of the transport and irrigation sectors		
Technical standard specification, design and construction guidelines on disaster resilience in transport, irrigation, and urban planning sectors produced and disseminated	<input type="checkbox"/>	Text	Value		Guidelines on mainstreaming resilience into the housing, roads, and irrigation sectors, as well as revisions of specific existing standards to include resilience. For MPI, a handbook on how to certify a planned infrastructure project using resilience criteria was prepared.	Technical standard specification, design and construction guidelines
			Date	29-Feb-2012	31-Oct-2014	30-Jan-2015
			Comments	Before project starts up.		
Pilots of appropriate techniques conducted	<input type="checkbox"/>	Yes/No	Value	No	No	Yes
			Date	29-Feb-2012	31-Oct-2014	30-Jan-2015
			Comments	Before project starts up	The construction of the pilot projects has not yet started. Progress on these pilots since the last mission in April 2014 includes the development of the detailed designs and bidding documents for all the five pilot projects. The Government has started to issue the bid invitations.	
Area provided with irrigation and drainage services (ha)	<input checked="" type="checkbox"/>	Hectare(Ha)	Value	0.00	0.00	40.00
			Date	29-Feb-2012	31-Oct-2014	30-Jan-2015
			Comments		The design of irrigation pilot project is completed. The bidding documents are being reviewed and bid invitation will be issued at the beginning of November.	
Area provided with irrigation and drainage services - Improved (ha)	<input checked="" type="checkbox"/>	Hectare(Ha) Sub Type Breakdown	Value	0.00	0.00	40.00
			Date	29-Feb-2012	31-Oct-2014	30-Jan-2015
			Comments		The design of irrigation pilot project is completed. The bidding documents are being reviewed and the bid	

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invitation will be issued at the beginning of November.

Data on Financial Performance (as of 19-Sep-2014)

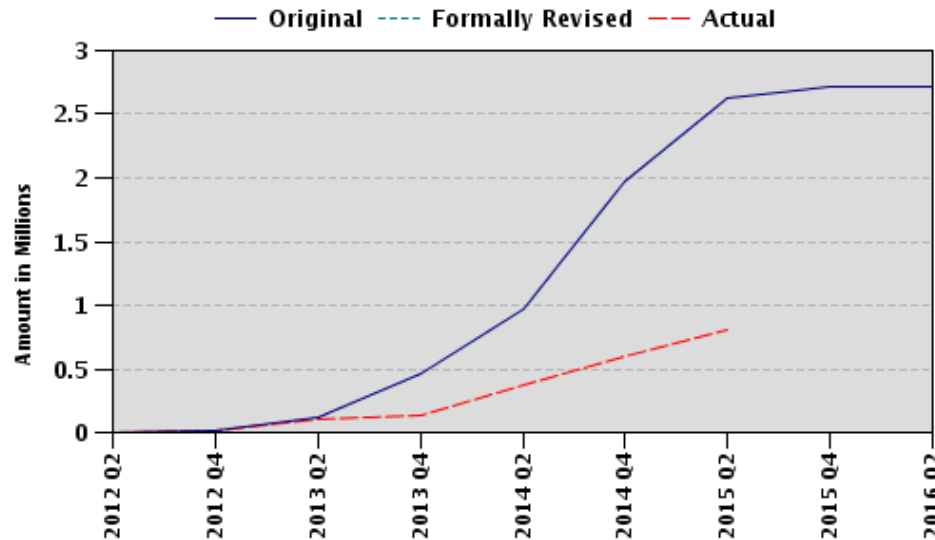
Financial Agreement(s) Key Dates

Project	Ln/Cr/Tf	Status	Approval Date	Signing Date	Effectiveness Date	Original Closing Date	Revised Closing Date
P129182	TF-11271	Effective	29-Feb-2012	29-Feb-2012	29-Feb-2012	30-Jan-2015	30-Jan-2015

Disbursements (in Millions)

Project	Ln/Cr/Tf	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P129182	TF-11271	Effective	USD	2.72	2.72	0.00	0.80	1.92	29.00

Disbursement Graph



Key Decisions Regarding Implementation

- **Project Extension:** The project closing date is January 31, 2015. An extension of the project is necessary to complete the pilot works, and the World Bank is expecting to receive the extension request letter from the Ministry of Finance in November 2014. To ensure that the provider of the grant, the Policy and Human Resources Development (PHRD) administration, will approve a project extension, the bidding procedures for the pilots have to be accelerated.
- **Institutionalization of Project Outputs:** It was agreed that a high level steering committee with the ministries involved in the project will be organized to determine how the developed guidelines on mainstreaming resilience can be officially adopted into the Government's working procedures and policy instruments, including the 8th National Socio-Economic Development Plan (NSEDPlan).

The next mission is tentatively scheduled for January 2015.

Restructuring History

There has been no restructuring to date.

Related Projects

There are no related projects.