



Lao PDR - Mainstreaming Disaster and Climate Risk Management into Investment Decisions (P129182)

EAST ASIA AND PACIFIC | Lao People's Democratic Republic | Social, Urban, Rural and Resilience Global Practice Global Practice | Recipient Executed Activities | Technical Assistance Loan | FY 2012 | Seq No: 5 | ARCHIVED on 04-Aug-2015 | ISR17884 |

Implementing Agencies: Ministry of Planning and Investment

Key Dates

Key Project Dates

Board Approval date:28-Nov-2011

Effectiveness Date:29-Feb-2012

Planned Mid Term Review Date:23-Mar-2014

Actual Mid-Term Review Date:07-Apr-2014

Original Closing Date:30-Jan-2015

Revised Closing Date:30-Jan-2016

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 Objective?

No

Components

Name

Risk Assessment:(Cost \$0.24 M)

Mainstreaming Disaster and Climate Risk Management into Investments:(Cost \$0.24 M)

Institutional Strengthening and Capacity Building:(Cost \$0.32 M)

Pilot Projects in two Disaster Prone Provinces:(Cost \$1.21 M)

Monitoring and Evaluation:(Cost \$0.05 M)

Project Management:(Cost \$0.63 M)

Overall Ratings

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

Implementation Status and Key Decisions

Since project extension to January 2016, the project has made good progress towards achieving its goal of strengthening 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 strategic as well as technical guidelines for mainstreaming disaster risk management into sectoral planning and budgeting processes were developed. Translations of all outputs into English and Lao are under way. Training has been rolled out at national and local levels. Pilot works in the road and irrigation sectors are under way, and will be completed by end of July, 2015. It was also agreed that the Multi Hazard Risk Information from sectoral risk assessments will be shared through a web platform, and all outputs, including training materials, would be easily accessible to relevant stakeholders in English and Lao language.

Sustainability of Project Outputs: It was agreed to strengthen the engagement with line ministries in order to incorporate and mainstream disaster risk management principles into the 8th NSEDP as well as draft strategies for the key transport, irrigation and urban planning sectors. Further training will be provided. Data from the technical assistance components, together with results and lessons learnt from the pilots of the grant project will inform the preparation of the lending projects, including the Road Asset Management Project, and the Regional Southeast Asia Disaster Risk Management Program. A project completion report will capture knowledge and lessons learned during the project.

Results

Project Development Objective Indicators

► Direct project beneficiaries (Number, Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	68226.00	20000.00
Date	29-Feb-2012	31-Oct-2014	19-Jun-2015	30-Jan-2015

▲ Female beneficiaries (Percentage, Core Supplement)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	33579.00	50.00

► Sectoral risk assessments in the transport, irrigation, and urban planning sectors completed. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	None	Risk Assessments completed for the transport, irrigation, rural housing and urban planning sectors.	The Risk Assessments have been completed for the road, irrigation, rural housing and urban planning sectors considering earthquakes, landslides, floods and storms risk. Outputs include: i) Landslide Inventory Framework for the Road 13th north in Phoukhoun district of Luang Prabang Province for a total of 23 Km (i.e. from Km 257 to 280); ii) National and Provincial Level Risk Assessments; and iii) Risk Assessment Guidelines. In addition, a Multi Hazard Risk Information Web-Portal (GeoNode Web platform) has been developed to host the Lao geospatial hazard and risk data produced by the project.	Completed Assessment
Date	29-Feb-2012	31-Oct-2014	19-Jun-2015	28-Feb-2014

► Technical Capacity of MPWT and MAF at central and local levels will be enhanced in the areas of safe infrastructure design, implementation and monitoring. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	None	Risk assessment training sessions delivered. Training	Since February 2014 to date, a total of 8 technical training events	Government staff from MPTW and



<p>courses in developing resilient infrastructure are taking place and are expected to be completed by January 2015.</p>	<p>were conducted targeting technical staff from the district, provincial and central levels. In addition, a Consultation Workshop on Mainstreaming disaster and climate risks into the Course Curriculum of selected Engineering Departments of the National University of Laos (NUOL) and training institutes under MPWT, MAF, and MPI was held on February 6, 2015.</p>	<p>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.</p>
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Date	29-Feb-2012	20-May-2014	19-Jun-2015	30-Jan-2015
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► Appropriate technology and technical guidelines and manuals developed by MPI, MPWT and MAF. (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No guidelines on risk assessment and procedures for transport and irrigation sectors	Guidelines have been developed and will be finalized based on comments from the Government and the Bank.	Guidelines for mainstreaming DRM into the transport, irrigation and urban planning sectors have been completed including: i) Technical Specification, Infrastructure Design and Construction Guidelines for the transport, irrigation and housing Sectors; ii) Guidelines for Mainstreaming Disaster and Climate Risks into the draft 8th National Socio-Economic Plan (NSED) from 2016-2020 and a public investment mechanism; and iii) Strategic Guidelines for Mainstreaming Disaster and Climate Risks into the rural housing, transport and irrigation sectors in Lao PDR. Translations of these guidelines into Lao language are ongoing and will be completed by July 17, 2015	Technical guidelines which integrate DRM aspects for transport, housing and irrigation sectors developed

Date	29-Feb-2012	31-Oct-2014	19-Jun-2015	30-Jan-2015
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Overall Comments

Intermediate Results Indicators

- ▶ 100 relevant technical personnel from Ministries concerned and provinces trained in safe infrastructure design, implementation and monitoring (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	90.00	138.00	100.00
Date	29-Feb-2012	31-Oct-2014	19-Jun-2015	30-Jan-2015

- ▶ 100 engineers and masons from provinces, districts and communities trained on risk reduction practices (Number, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	88.00	100.00
Date	29-Feb-2012	31-Oct-2014	19-Jun-2015	30-Jan-2015

- ▶ DRM integrated into existing strategies for transport , irrigation and urban planning (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	DRM was integrated into a revised Law on Urban Planning and the 7th National Socio-Economic Development Plan for 2011-2016	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.	Guidelines for mainstreaming DRM into the transport, irrigation and urban planning sectors have been completed, including Guidelines for Mainstreaming Disaster and Climate Risks into the draft 8th National Socio-Economic Plan (NSEDP) from 2016-2020 and a public	DRM is integrated into the upcoming draft 8th National Socio-Economic Development Plan (NSEDP) as well as in the transport and irrigation sector strategies

			investment mechanism; and Strategic Guidelines for Mainstreaming Disaster and Climate Risks into the rural housing, transport and irrigation sectors in Lao PDR.	
Date	29-Feb-2012	31-Oct-2014	19-Jun-2015	30-Jan-2015

► Technical standard specification, design and construction guidelines on disaster resilience in transport, irrigation, and urban planning sectors produced and disseminated (Text, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	no relevant guidelines on risk assessments developed for transport, irrigation and housing sectors	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 Specification, Infrastructure Design and Construction Guidelines for the transport, irrigation and housing Sectors have been developed. These technical guidelines have been applied in the field and lessons learned will be incorporated in the final reports with regard to resilient infrastructure and recommendations for reducing structural vulnerability in the housing sector.	Technical standard specification, design and construction guidelines developed and disseminated
Date	29-Feb-2012	31-Oct-2014	31-Oct-2014	30-Jan-2015

► Pilots of appropriate techniques conducted (Yes/No, Custom)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	N	N	N	Y
Date	29-Feb-2012	31-Oct-2014	19-Jun-2015	30-Jan-2015

► Area provided with irrigation and drainage services (ha) (Hectare(Ha), Core)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	45.00	40.00
Date	29-Feb-2012	31-Oct-2014	19-Jun-2015	30-Jan-2015


▲ Area provided with irrigation and drainage services - Improved (ha) (Hectare(Ha), Core Breakdown)

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	45.00	40.00
Date	29-Feb-2012	31-Oct-2014	19-Jun-2015	30-Jan-2015

Overall Comments

Data on Financial Performance

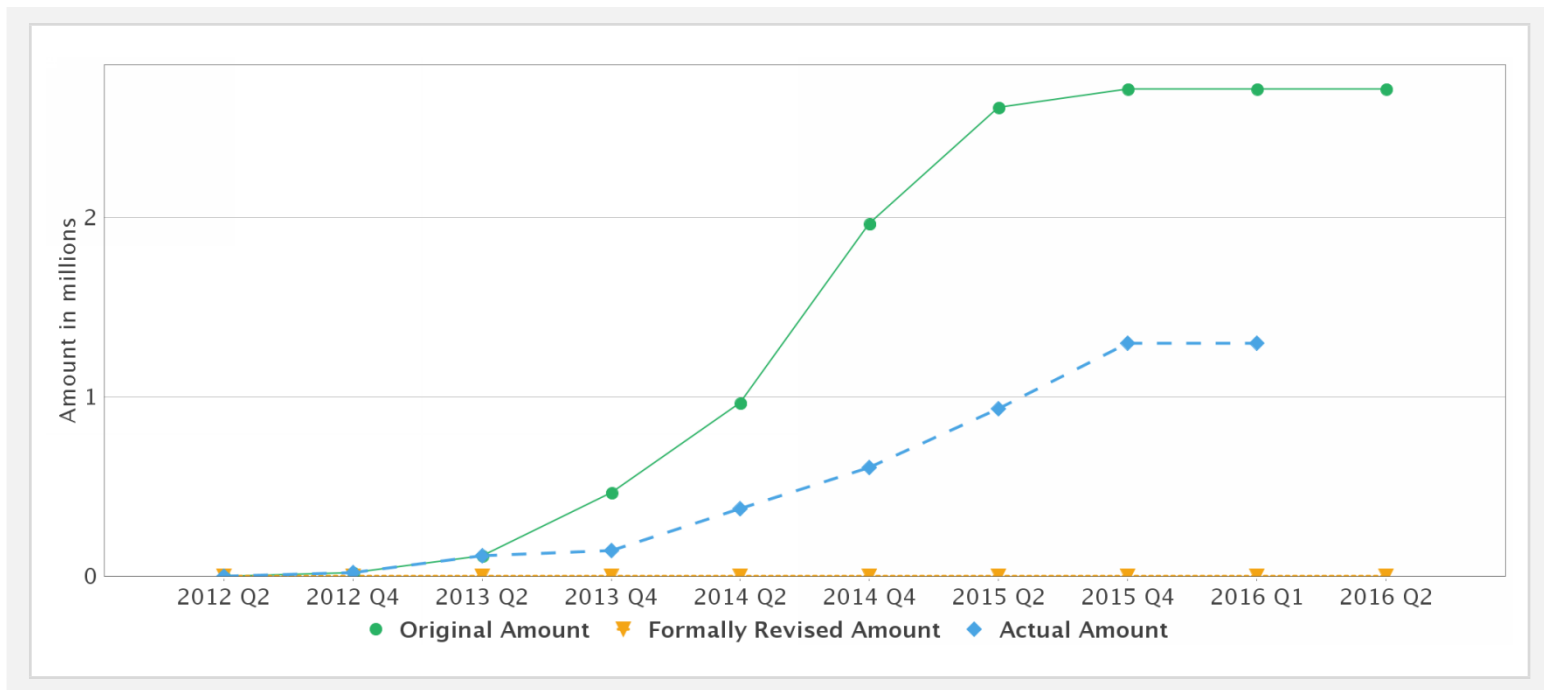
Disbursements (by loan)

Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	Disbursed
P129182	TF-11271	Effective	USD	2.72	2.72	0.00	1.30	1.42	 48%

Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P129182	TF-11271	Effective	29-Feb-2012	29-Feb-2012	29-Feb-2012	30-Jan-2015	30-Jan-2016

Cumulative Disbursements



Restructuring History

There has been no restructuring to date.

Related Project(s)

There are no related projects.