



## Lao PDR Southeast Asia Disaster Risk Management Project (P160930)

EAST ASIA AND PACIFIC | Lao People's Democratic Republic | Urban, Resilience and Land Global Practice | IBRD/IDA | Investment Project Financing | FY 2018 | Seq No: 8 | ARCHIVED on 28-Jun-2021 | ISR47166 |

Implementing Agencies: Lao People's Democratic Republic (Lao PDR), Ministry of Public Works and Transport, Ministry of Natural Resources and Environment, Ministry of Finance, Ministry of Planning and Investment

**Key Dates****Key Project Dates**

Bank Approval Date: 06-Jul-2017

Effectiveness Date: 11-Oct-2017

Planned Mid Term Review Date: 15-Nov-2021

Actual Mid-Term Review Date:

Original Closing Date: 31-Oct-2022

Revised Closing Date: 31-Dec-2024

**Project Development Objectives**

Project Development Objective (from Project Appraisal Document)

To reduce the impacts of flooding in Muang Xay and enhance the Government's capacity to provide hydro-meteorological services and disaster response.

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

Yes

Board Approved Revised Project Development Objective (If project is formally restructured)

To reduce the impacts of flooding in target areas and enhance the Government's capacity to provide hydro-meteorological services and disaster response.

**Components Table**

Name

Integrated Urban Flood Risk Management:(Cost \$38.50 M)  
Hydromet Modernization and Early Warning Systems:(Cost \$10.00 M)  
Financial Planning for Disaster Resilience:(Cost \$6.00 M)  
Knowledge and Coordination:(Cost \$1.50 M)  
Contingent Emergency Response

**Overall Ratings**

Name	Previous Rating	Current Rating
Progress towards achievement of PDO	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Implementation Progress (IP)	<input type="checkbox"/> Moderately Satisfactory	<input type="checkbox"/> Moderately Satisfactory
Overall Risk Rating	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate

**Implementation Status and Key Decisions**

Despite challenges posed by the COVID-19 pandemic, there has been progress on key activities. Under Component 1, the Lot 1 works contract for Oudomxay has been signed, and compensation payments to, and resettlement of, affected households have been completed. Under Component 2, construction of two provincial offices for the Department of Meteorology and Hydrology (DMH) has been completed. Under Component 3, the



SEADRIF premium payment was disbursed in March 2021. Under Component 4, work on mainstreaming Disaster Risk Management in the 9th National Socio-Economic Development Plan has been completed, and a Value for Money strategy for post-disaster recovery and reconstruction is being refined and operationalized.

## Risks

### Systematic Operations Risk-rating Tool

Risk Category	Rating at Approval	Previous Rating	Current Rating
Political and Governance	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Macroeconomic	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Sector Strategies and Policies	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate	<input type="checkbox"/> Moderate
Technical Design of Project or Program	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Institutional Capacity for Implementation and Sustainability	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Fiduciary	<input type="checkbox"/> High	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Environment and Social	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Stakeholders	<input type="checkbox"/> Moderate	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate
Other	--	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial
Overall	<input type="checkbox"/> Substantial	<input type="checkbox"/> Substantial	<input type="checkbox"/> Moderate

## Results

### PDO Indicators by Objectives / Outcomes

Reduce the impacts of flooding in target areas				
▶ Number of people protected from floods (Number (Thousand), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	8.00	0.60	8.00	44.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024
Comments:	The current value for this indicator has been revised to follow the baseline (8.00). Previous indicator values (0.6) reported since ISR 6 dated 11 May 2020 is a typographical error.			
□ of which are female (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target



Value	50.00	50.00	50.00	50.00
▶ Area with improved flood protection (Square kilometer(km2), Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	15.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024

Enhance the Government's capacity to provide hydro-meteorological services				
▶ Satisfaction of weather information end-users increased (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024

Enhance the Government's capacity to provide disaster response				
▶ Lao PDR has information and capacity to access sovereign disaster risk insurance (Yes/No, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	Yes	Yes
Date	30-Jun-2017	09-Nov-2020	21-May-2021	31-Dec-2024
Comments:	The SEADRIF Insurance Premium of US\$5 million was successfully transferred on March 3, 2021. A Designated Account was opened on May 21, 2021 to receive the insurance payouts. The official launch of the SEADRIF Insurance for Lao PDR will be held after the COVID-19 lockdown is lifted, tentatively around end-June 2021.			

### Intermediate Results Indicators by Components

Integrated Urban Flood Risk Management				
▶ Length of river bank protection rehabilitated in Oudomxay, Luang Prabang, and Borikhamxay (Kilometers, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	13.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024



<b>► Disaster risk management and risk-sensitive land use planning are integrated into several urban plans (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024
<b>► Watergates installed (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	4.00
Date	02-Oct-2019	09-Nov-2020	21-Jun-2021	31-Dec-2024
<b>► DRM plans developed and urban plans updated to include disability-specific considerations and at least 3 gender-specific criteria (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	5.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024
<b>► Studies and designs for investments with environmental and social co-benefits developed (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	1.00	3.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024
Comments:	The technical meeting on Sustainable Urban Design Interventions for Oudomxay was conducted on March 29, 2021. The consultants for the civil works under Component 1 are coordinating their detailed designs with the consultants for the sustainable urban design interventions.			
<b>► Number of Government staff trained in risk assessment, flood modeling, urban planning, and disaster preparedness (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	40.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024
<b>□ of which are women (Percentage, Custom Supplement)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	5.00	5.00	15.00
<b>► Number of provinces for which GIS data on embankment condition and disaster vulnerability has been integrated and input into an IT-based waterways asset management system for riverbank protection (Number, Custom)</b>				



	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	18.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024
<b>► Flood risk management strategies for future urban resilience investments prepared (Number, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	0.00	0.00	2.00
Date	02-Oct-2019	09-Nov-2020	21-Jun-2021	31-Dec-2024
<b>► Percentage of female staff of the Project Management Unit of DOW (Percentage, Custom)</b>				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	25.00	25.00	36.00	40.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024
Comments:	Five out of 14 staff within the DOW PMU are female.			

**Hydromet Modernization and Early Warning Systems**

**► Validated hydromet data is accessible on a centralized online data management platform (Yes/No, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024

**► Accuracy of weather forecast improved (Yes/No, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024

**Financial Planning for Disaster Resilience**

**► National disaster risk finance strategy developed (Yes/No, Custom)**

	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	No	No	No	Yes



Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024
<b>Knowledge and Coordination</b>				
▶ Participants in consultation activities during project implementation (Number, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	250.00	910.00	800.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024
□ of which are women (Percentage, Custom Supplement)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	5.00	5.00	39.00	20.00
▶ Percentage of grievances registered related to delivery of project activities that are addressed according to agreed procedures (Percentage, Custom)				
	Baseline	Actual (Previous)	Actual (Current)	End Target
Value	0.00	100.00	100.00	95.00
Date	30-Jun-2017	09-Nov-2020	21-Jun-2021	31-Dec-2024

### Performance-Based Conditions

#### Data on Financial Performance

#### Disbursements (by loan)

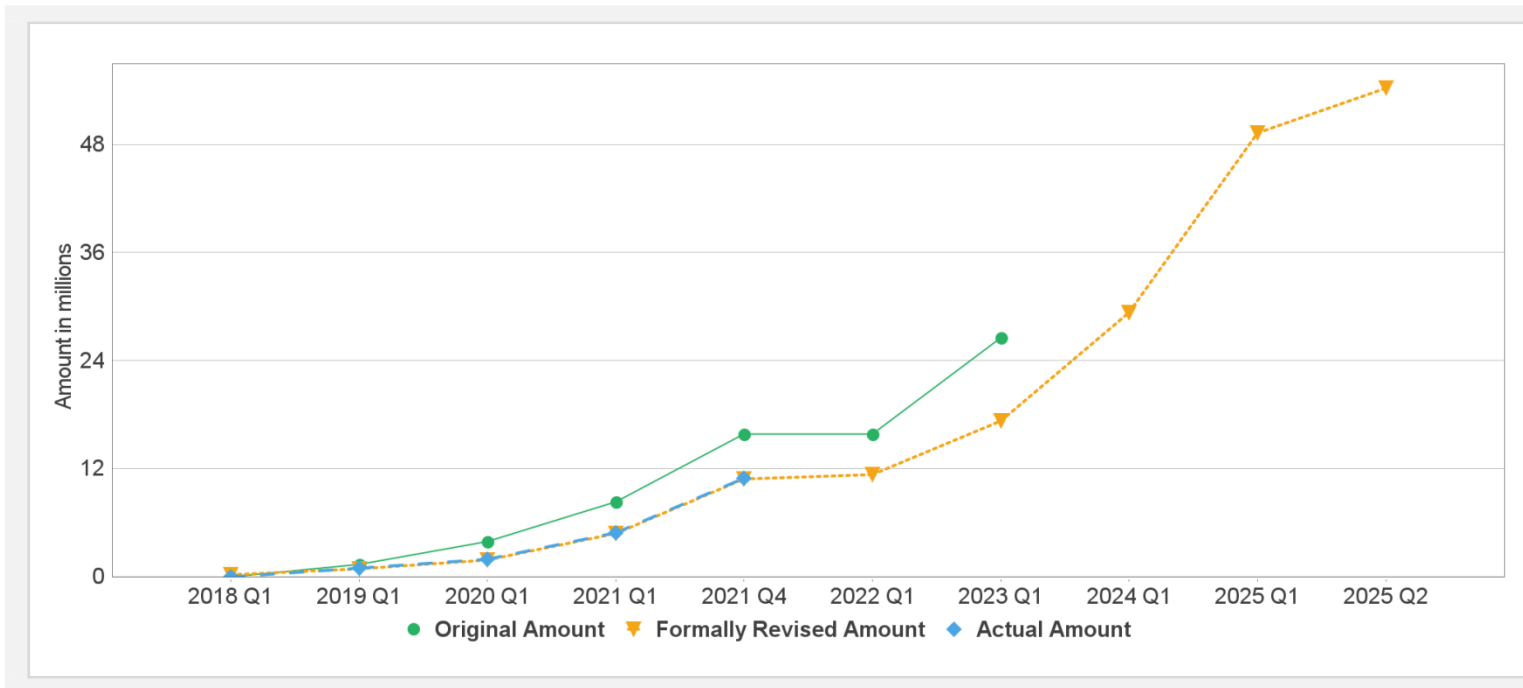
Project	Loan/Credit/TF	Status	Currency	Original	Revised	Cancelled	Disbursed	Undisbursed	% Disbursed
P160930	IDA-61200	Effective	USD	30.00	30.00	0.00	9.95	21.54	32%
P160930	IDA-65180	Effective	USD	25.00	25.00	0.00	0.28	25.67	1.1%
P160930	TF-A5033	Effective	USD	1.00	1.00	0.00	0.71	0.29	71%

#### Key Dates (by loan)

Project	Loan/Credit/TF	Status	Approval Date	Signing Date	Effectiveness Date	Orig. Closing Date	Rev. Closing Date
P160930	IDA-61200	Effective	06-Jul-2017	30-Aug-2017	11-Oct-2017	31-Oct-2022	31-Dec-2024
P160930	IDA-65180	Effective	13-Dec-2019	28-Jan-2020	20-Mar-2020	31-Dec-2024	31-Dec-2024
P160930	TF-A5033	Effective	30-Aug-2017	30-Aug-2017	11-Oct-2017	30-Jun-2022	30-Jun-2022



**Cumulative Disbursements**



**PBC Disbursement**

PBC ID	PBC Type	Description	Coc	PBC Amount	Achievement Status	Disbursed amount in Coc	Disbursement % for PBC
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**Restructuring History**

There has been no restructuring to date.

**Related Project(s)**

P170945-Lao PDR Southeast Asia Disaster Risk Management Project – Additional Finance