

Lao People's Democratic Republic

EWS Country Policies/ Strategies/ Institutional Frameworks	ADB Country Program Strategy (CPS)	ADB Projects							
		Title	Category	Sector	Description	Status	Approval	Closing	Project Link
<p>The Disaster Management Law, 2019 emphasizes the importance of EWS in preventing disasters. It stresses the need for accurate, timely information on meteorology, hydrology, and environmental data.</p> <p>The National Strategy on Disaster Risk Reduction, 2021-2030 recognizes the challenges in EW information access and usage and emphasizes the need to strengthen EWS in Lao PDR.</p> <p>The Nationally Determined Contributions (NDC), 2021 highlights strengthening EWS. It recognizes the need of having an effective EWS to alert and prepare for hazards and risks.</p> <p>The Early Warning Standard Operating Procedures (SOPs), 2017 prioritizes the establishment of EWS at all levels and aim to integrate science, institutional and social aspects.</p> <p>The Central Disaster Management Committee (CDMC) is responsible for coordinating early warning, preparedness, emergency response, and recovery activities at the national level</p>	<p>Year: 2024-2028</p> <p>Theme: Strengthening Foundations for an Inclusive, Sustainable, and Resilient Economy</p> <p>CPS Priority/ Strategic Objective: 1. Promoting Sustainable Public Finance</p> <p>2. Enabling Equitable Access to Services</p> <p>3. Advancing Climate Commitments</p>	Sustainable Rural Infrastructure and Watershed Management Sector Project	Project with EWS component	Agriculture, natural resources and rural development	The project is intended to address issues of PRI and watershed management in mountainous provinces of Northern Lao PDR by using an integrated land use planning approach that integrates efficient, sustainable and climate resilient rural infrastructure, and feasible watershed protection measures. For an ecosystem based sustainable rural development, infrastructure and the watershed have to be considered simultaneously. The expected impact of the project will be to achieve sustainable and inclusive rural development. The outcome of the project will be to enhance sustainable, market oriented agricultural production and natural resources management in selected watersheds.	Active	20-Sep-19	31-Dec-28	https://www.adb.org/projects/50236-002/main
		Sustainable Rural Infrastructure and Watershed Management Sector Project - Additional Financing	Project with EWS component	Agriculture, natural resources and rural development	On 20 September 2019, the Asian Development Bank (ADB) approved the Sustainable Rural Infrastructure and Watershed Management Sector Project (SRIWMSP) for \$51.5 million financed by an ADB concessional loan of \$40.0 million, an ADB grant (ADF) of \$5.0 million, a European Union (EU) grant of \$4.5 million equivalent, and government contribution of US\$2.0 million equivalent. The ADB loan and ADB grant closing date is 31 December 2028, while the EU grant is 30 September 2027. The project aims at improving rural incomes from market-driven diversified farm output, watershed health, and community nutrition in the four northern provinces of Houaphan, Louangphabang, Xaignabouli, and Xiangkhouang by (i) promoting diversification into dry season high-value crops (HVCs) and improving the yields of wet season rice by providing irrigation and access; (ii) protecting watershed ecological services; and (iii) improving nutrition.	Active	25-Oct-23	31-Dec-28	https://www.adb.org/projects/50236-003/main
		Flood and Drought Mitigation and Management Sector Project	Project with EWS component	Agriculture, natural resources and rural development	The project addresses current and future climate change risks while improving livelihoods of agricultural communities in the three central provinces of Bolikhamxai, Khammouan, and Vientiane Capital. The project will enhance floodwater management, strengthen climate-resiliency of irrigation infrastructure, support diversification into higher-value dry season crops with market linkages, and reduce greenhouse gas emissions through adoption of climate-resilient farming practices. The project has three outputs: (i) floodwater harnessed and damages reduced; (ii) water reliability during droughts improved; and (iii) agrometeorological information systems modernized.	Active	11-Dec-23	31-Dec-29	https://www.adb.org/projects/53368-001/main

EWS Country Policies/ Strategies/ Institutional Frameworks activities at the national level. Lao PDR EW4ALL Roadmap (2024-2027) was established under the guidance of the Ministry of Natural Resources and Environment (MoNRE). Key activities: Under Pillar 1: Disaster Risk Knowledge *Modernizing national disaster data systems *Developing methodologies for quantifying losses and damages *Building capacity for risk assessments Under Pillar 2: Detection, Observation, Monitoring, Analysis, and Forecasting of Hazards *Operationalizing weather stations *Installing new automatic weather stations *Improving data exchange for forecasting Under Pillar 3: Warning Dissemination and Communication *Developing national emergency telecommunications plans *Revising SOPs for multi-hazard early warning systems *Assessing dissemination channels' reach Under Pillar 4: Preparedness and Response Capabilities *Developing anticipatory action protocols *Making social protection programs more shock-responsive	ADB Country Program Strategy (CPS)	ADB Projects							
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		Sustainable Agrifood Systems Sector Project	Project with potential EWS entry point	Agriculture, natural resources and rural development	The project is aligned with the following impact: food security and nutrition improved, and agriculture exports increased in a climate resilient manner. The project will have the following outcome: climate resilient and gender-responsive nutritious food production and agrifood value addition increased. The project will have four outputs: (i) smallholder access to financial, technical and nutrition services improved in a climate resilient manner, (ii) agricultural enterprise value chains strengthened in a climate resilient manner; (iii) small-scale climate resilient infrastructure developed in support of target value chains; and (iv) accreditation of food safety laboratories facilitated. The project is nationwide in scope, with financial services to be provided in all provinces. However, technical advisory services and value chain infrastructure will be provided in six priority provinces (Champasak, Salavan and Xekong in the south and Houaphan, Phongsaly and Xayabury in the north).	Approved	N/A	N/A	https://www.adb.org/projects/57123-001/main
		Greater Mekong Subregion Smart and Sustainable Tourism Infrastructure for Inclusive Growth Project	Project with EWS component	Water and other urban infrastructure and services	The proposed project adopts a multi-pronged approach to building a more sustainable, resilient, inclusive, and competitive tourism sector. This will be achieved through three key outputs. Output 1 focuses on infrastructure improvements in Meuang Feuang while Outputs 2 and 3 will promote the adoption of digital technology and will provide institutional capacity support in Meuang Feuang and select provinces where ADB has previously invested, aiming to build and strengthen tourism management capacity and ensure the sustainability of those investments.	Proposed	N/A	N/A	https://www.adb.org/projects/59070-001/main
		Northern Rural Infrastructure Development Sector Project	Project with potential EWS entry point	Agriculture, natural resources and rural development	The Project will address sector constraints by rehabilitating existing irrigation facilities and, where appropriate, developing new ones, as well as rehabilitating and upgrading rural access roads from district centers and village cluster centers to villages. To enhance the impact of subproject investments, the project will support (i) technical extension services to subproject beneficiaries, (ii) producer groups to coordinate supplies of agricultural produce to markets and/or processors, (iii) contracted agricultural production with price incentives based on quality, and (iv) initiatives to secure tenure and access to land for sedentary agricultural production and land rezoning to protect the integrity of watersheds and reservoirs.	Active	26-Nov-10	31-Mar-24	https://www.adb.org/projects/42203-022/main
		Regional: Greater Mekong Subregion Climate Change and Environmental Sustainability Program	Project with EWS component	Agriculture, natural resources and rural development	The TA is aligned with the following impact: environment sustainability and climate-compatibility of economic growth and propensity in the GMS improved, as stated in GMS Core Environment Program Strategic Framework and Action Plan. The TA will have the following outcome: climate resilience, green growth, and environmental quality in the GMS enhanced.	Active	18-Dec-19	31-Mar-28	https://www.adb.org/projects/53390-001/main

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		Regional: Scaling Up Clean Air Actions for Better Health and Resilience	Project with EWS component	Energy	The proposed TA will support the implementation of the Asia Clean Blue Skies Program (ACBSP), ADB's corporate program for improving air quality in Asia and the Pacific. This is one of the programs that will support implementation of pollution pillar, one of the three pillars in the proposed Environment Action Plan (EAP). The program is supporting DMCs on upstream policies, plans, strategies, capacity building on air quality and at the downstream level identification, preparation and implementation of clean air solutions and investments. The support will be targeted at specific cities, DMCs and regions that face chronic air pollution issues including transboundary pollution. Given that clean air solutions also reduce greenhouse gases (GHG) and generate health co-benefits, the tasks under this TA will be closely aligned with the Climate Change Action Plan (CCAP) and the Climate and Health Initiative.	Active	25-Apr-25	31-Dec-28	https://www.adb.org/projects/58076-001/main
		Urban Environment Improvement Investment Project	Project with potential EWS entry point	Water and other urban infrastructure and services	The project will support sustainable, inclusive, and resilient urban development in Luang Prabang, a city in the Greater Mekong Subregion (GMS) north-south economic corridor affected by environmental degradation, climate change, disasters, and diminishing livability. Multisector project investments will (i) improve the quality and coverage of urban infrastructure and services, (ii) strengthen institutions and capacity to foster climate and disaster resilient development pathways, (iii) promote inclusive and gender-responsive urban planning, and (iv) enhance women's leadership and economic empowerment. The project is expected to benefit 104,500 residents and 1.3 million annual visitors by 2031.	Active	7-Dec-23	31-Dec-30	https://www.adb.org/projects/53203-001/main
*Increasing local preparedness capacities Inter-Pillar: Governance, Coordination, Advocacy, M&E, and Financing for EWS *Setting up inter-agency protocols for data sharing *Establishing a national EW4All coordination mechanism		Green Primary Care Project	Project with EWS component	Health	The proposed Green Primary Care (GPC) Project will enhance the capacity of the Ministry of Health (MOH) of the Lao PDR to strengthen the primary care system of the country. The project will (i) strengthen climate-resilient governance in the health system, (ii) upgrade selected district hospitals and health centers with climate-resilient infrastructure standards (iii) enhance the resilience of health facilities to extreme weather events in highly vulnerable districts, and (iv) improve health staff knowledge of the link between climate change and public health.	Proposed	N/A	N/A	https://www.adb.org/projects/58008-001/main

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		Regional: Supporting Climate-Resilient and Low-Carbon Health Systems through the Climate and Health Initiative	Project with EWS component	Health	The knowledge and support technical assistance (TA) cluster will support developing member countries (DMCs) of the Asian Development Bank (ADB) as they accelerate the transition to low-carbon health systems that are resilient to the negative impacts of climate change. The TA cluster will provide the fundamental inputs necessary to realize ADB's Climate and Health Initiative (CHI), including: (i) improving knowledge and evidence of the gender-differentiated health impacts of climate change and the most effective strategies to strengthen climate resilience within health systems; (ii) building the capacities of DMCs to design and implement innovative, evidence-based gender-responsive climate and health solutions; and (iii) developing a pipeline of transformative investments that will strengthen climate-resilient and low-carbon health systems.	Active	16-Sep-24	N/A	https://www.adb.org/projects/58085-001/main
		Regional: Supporting Climate-Resilient and Low-Carbon Health Systems through the Climate and Health Initiative:Strengthening the Climate Resilience of Health Systems in Southeast Asia, Subproject 2	Project with EWS component	Health	The proposed technical assistance (TA) is Subproject 2 of the Technical Assistance(TA) Cluster: Supporting Climate-Resilient and Low-Carbon Health Systems through the Climate and Health Initiative (Project No 58085-001). The Climate and Health Initiative (CHI) will mainstream the climate-health agenda at ADB. The cluster TA includes several subprojects. Subproject 1, for a value of \$3 million, was approved by the Urban Resilience Trust Fund (URTF) on 18 March 2024.	Active	17-Dec-24	31-Dec-27	https://www.adb.org/projects/58085-002/main