



ADAPTATION FUND

# Project Performance Report

## Overview

Period of Report (Dates)	3/1/2023 - 2/29/2024
Project Title	Enhancing the climate and disaster resilience of the most vulnerable rural and emerging urban human settlements in Lao PDR
Project Summary	<p>Lao People's Democratic Republic (PDR) is one of the most climate vulnerable countries in the world. This is mainly due to its high dependence on climate-sensitive natural resources and its low adaptive capacity. The country has been increasingly affected by natural hazards. Floods, droughts, and storms, which often trigger secondary hazards such as landslides, fires, infestations and outbreaks of disease, cause each year loss of life and severe damage to livelihoods and infrastructure. Considering the expected impacts of climate change, with wet seasons getting wetter and dry seasons getting dryer, these hazards are likely to increase in frequency and intensity. The project's main objective is to enhance the climate and disaster resilience of the most vulnerable rural and emerging urban human settlements in Southern Lao PDR by increasing sustainable access to basic infrastructure systems and services, emphasizing resilience to storms, floods, droughts, landslides and disease outbreaks. The specific project objectives are: 1. Develop institutional capacities of the national government and local authorities to increase the resilience of human settlements and infrastructure systems; 2. Enable communities to improve their well-being/health conditions by developing local capacities and resilience strategies for their settlements and infrastructure systems; 3. Enhance climate and disaster resilient infrastructure systems in human settlement. 4. Ensure project compliance with AF and UN-Habitat standards for Knowledge Management, Advocacy and Monitoring</p>
Database Number	AF00000087
Implementing Entity (IE)	UN-Habitat
Type of IE	Multilateral Implementing Entity
Country(ies)	Lao People's Democratic Republic
Relevant Geographic Points (i.e. cities, villages, bodies of water)	3 provinces (Attapeu, Sekong and Saravan), Lao PDR

Name of Implementing Entity Focal Point	Avi Sarkar - UN-Habitat avi.sarkar@un.org
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Project Milestones	
AFB Approval Date	10/7/2016
IE-AFB Agreement Signature Date	11/22/2016
Start of Project/Programme	2/24/2017
Actual Mid-term Review Date (if applicable)	
Original Completion Date	2/24/2021
Revised Completion Date after approval of extension request (if applicable)	8/24/2024

### Were there any approval condition for this Project?

No

List each approval condition, if any, and report on the status of meeting them	
Category of condition	
Condition or Requirement	
Current Status	
Planned actions, including a detailed time schedule	

### List (only) inception report/ extension request(s)/ MTR that have been prepared for the project and provide date(s) of submission for each

1) Inception report- 24 Feb 2017 2) Mid-term evaluation report - 3 May 2019 3) Project extension :24 June 2020 (18 months extension) to 24 August 2022 4) Project extension: 24 August 2022 to 24 August 2023 5) Project extension: 24 August 2023 to 24 August 2024 4) Terminal Evaluation Date 06 August 2024

### List the Website address (URL) of project

<https://unhabitat.la/projects/af1/>

Project Contacts			
National/Regional Project Manager/Coordinator	Name	Email	Date
Implementing Entity	Avi Sarkar - UN-Habitat	avi.sarkar@un.org	6/10/2024
Implementing Entity	Kumiko Hino - UN-Habitat	kumiko.hino@un.org	6/10/2024
Coordinator	Buahom Sengkhamyong - UN-Habitat	buahoms@unhabitat.la	6/10/2024
Government(s) DA	Syamphone Sengchandala - Ministry of Natural Resources and Environment (MoNRE)	syamphone.s@gmail.com	6/10/2024
Executing Agency	Viengnam Douangphachanh - Ministry of Public Works and Transport (MPWT)	viengnam@gmail.com	6/10/2024
Executing Agency	Keovixien Sixanon - Project Coordinator / Nampapa State-owned Enterprise (NPSE) Attapeu	sxkeovixien@yahoo.com	3/1/2024

## Financial Data

Disbursement of AF grant funds	
Cumulative total disbursement from Trustee to IE as	\$4,500,000.00

of date (\$)	
Estimated cumulative total disbursement from IE to EEs as of date (\$)	\$3,787,641.00
Project disbursement rate (%)	100
Project execution rate (%)	100.00
Add any comments on AF Grant Funds	(i) The payment to EE during this reporting period = USD 254,150.00. (ii) Project Execution Costs of this reporting period = USD 0. (iii) Project Management Cycle Costs of this reporting period = USD 17, 478. (iv) Total expenditure (= i + ii) of the reporting period = USD 254,150.00. As discussed, this doesn't include the Project Management Cycle Costs. (v) Cumulative total disbursement from IE to EE in the previous reporting period of PPR6 = USD 3,920,648. By adding (iv) above, the cumulative total disbursement from IE to EE reaches USD 4,174,798. (v) The cumulative total expenditure including Project Management Cycle Costs since the start of the project = USD 4,192,276. This is 93% of the total disbursement from AF to IE.
Investment Income (\$)	\$0.00
Cumulative Investment Income since inception (\$)	\$0.00

### Expenditure Data

Output	Amount (\$)
Output 3.1 - Vulnerable infrastructure strengthened or new resilient infrastructure constructed	\$254,150.00
IE fee (\$)	\$0.00
Execution cost (\$)	\$17,478.00

### Planned Expenditure Schedule

Output	Projected Cost (\$)	Estimated Completion Date
NA	\$0.00	8/24/2024
IE fee (\$)		\$30,623.00
Execution cost (\$)		\$277,101.00

### Actual co-financing (if the MTR or TE have not been undertaken this reporting period, do not report on actual co-financing)

Does this Project have Co-Financing ?	No
How much of the total co-financing as committed in the Project Document has actually been realized? (\$)	\$0.00
Estimated cumulative actual co-financing as verified during Mid-term Review (MTR) or Terminal Evaluation (TE). (\$)	\$0.00
Add any comments on actual co-financing in particular any issues related to the realization of in-kind, grant, credits, loans, equity, non-grant instruments and other types of co-financing.	

# Risk Assessment

Identified Risks		
List all Risks identified in project preparation phase and what steps are being taken to mitigate them		
Identified Risk	Current Status	Steps taken to mitigate risk
1. Current climate and seasonal variability and/or hazard events result in infrastructure construction delays or undermine confidence in adaptation measures by local communities	Low	The physical construction work was completed by June 2023. Through this project, the targeted communities have improved the resilience of water, sanitation, and hydrogen against climate hazards by building/rehabilitating the small water supply system.
2. Loss of government support (at all levels) for the project (activities and outputs) may result in lack of prioritization of AF project activities.	Low	As the government at all levels remains extremely supportive and no major issues occurred, thus, no extra action was taken during the reporting period. One of the evidence is the overall rating shown in the "Rating" section .
3. Capacity constraints of local institutions may limit the effective implementation of interventions	Low	Capacity constraints have not yet proved a major barrier to project implementation, thus, no extra action was taken during the reporting period.
4. Lack of commitment/buy-in from local communities may result in delay at intervention sites.	Low	All villages have functioning committees and/or other mechanisms to manage the infrastructure. As the project support aimed at providing clean water to communities, community buy-in has been very strong in all target villages. Consequently, no additional action was required during the reporting period
5. Disagreement amongst stakeholders with regards to adaptation measures (infrastructure) and site selection.	Low	All villages were consulted before construction began, and the project also involved engagement and contribution from the community to ensure a sense of ownership of the built infrastructure. No crises arose during the reporting period, necessitating no additional actions.
6. Communities may not adopt activities during or after the AF project, including infrastructure maintenance	Low	The constructions in all targeted 189 villages have been completed. There is no sign thus far of this occurring. No problems have been reported to village chiefs in any of the target villages or to the Project Implementation Units (PIUs) in three provinces since the project began.
7. Complexity of financial management and procurement. Certain administrative processes could delay the project execution or could lack integrity	Low	No delay in the reporting period. The delay occurred during Y6 (Y6PPR) was recovered.
8. Delays in project implementation, and particularly in the development of infrastructure interventions	Low	No delay in the reporting period. The delay occurred during Y6 (Y6PPR) was recovered.
9. A lack of coordination between and within national government Ministries and Departments	Low	Continued actions taken under risks 2 and 3 ensured that coordination and cooperation with line ministries have been effective. Continued coordination has taken place with the government body as needed.

## Critical Risks Affecting Progress (Not identified at project design)

**Are there any critical risks with a 50% or > likelihood of affecting progress of project?** No

Identify Risks with a 50% or > likelihood of affecting progress of project

Identified Risk	Current Status	Steps taken to mitigate risk
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### Risk Measures

Were there any risk mitigation measures employed during the current reporting period? If so, were risks reduced? If not, why were these risks not reduced?

None in addition to the above.

## ESP Compliance

### Section 1: Identified ESP Risk Management

**Was the ESP risks identification complete at the time of funding approval?** No

#### 1.Compliance with the law

Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	No
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	
List the monitoring indicator(s) for each impact identified.	
State the baseline condition for each monitoring indicator	
Describe each safeguard measure that has been implemented during the reporting period	
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	
Describe remedial action for residual impacts that will be taken	

#### 2.Access and equity

Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified.	Yes

Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	The project does not impact people equally, disturbing communities and creating conflicts at the local level.
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Ensure continued use of UN-Habitat Project Template and equitable benefits of the project. Ensure all project affected persons have free, prior and informed consent relating to project outcomes.
List the monitoring indicator(s) for each impact identified.	All indigenous groups have the same access rights to water/infrastructure.
State the baseline condition for each monitoring indicator	Indigenous groups have little or no access to infrastructure or improved, climate resilient water
Describe each safeguard measure that has been implemented during the reporting period	IE ensured to continue use of UN-Habitat Project Template and the equitable benefits of the project. Also, IE ensured all project affected persons have free, prior and informed consent relating to project outcomes.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no residual impact. The infrastructures were designed and have been constructed by taking into consideration the principle of equality.
Describe remedial action for residual impacts that will be taken	Equal access will be subject to the completion assessment/audit.
<b>3.Marginalized and vulnerable Groups</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	The project does not impact people equally, disturbing communities and creating conflicts at the local level
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Ensure VA is completed to the highest standard and clear linkages to the project plan produced. Ensure all project affected persons have free, prior and informed consent relating to project outcomes.
List the monitoring indicator(s) for each impact identified.	3) Marginalized and vulnerable groups - see 2)
State the baseline condition for each monitoring indicator	3) Marginalized and vulnerable groups - See2
Describe each safeguard measure that has been implemented during the reporting period	All marginalized and vulnerable groups including females, youth, ethnic groups, and people with disabilities (PWD) were involved in the management of the infrastructure.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no residual impact. All villages have functioning committees and/or other mechanisms to manage the infrastructure including ensuring equal



	access for females, youth, ethnic groups, and people with disabilities (PWD).
Describe remedial action for residual impacts that will be taken	The assessment of equal access will be done as a part of completion assessment/audi
<b>4.Human rights</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	Project activities fail to comply with basic human rights.
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Ensure HRBA through use of the human rights marker
List the monitoring indicator(s) for each impact identified.	4) Human Rights - All people's basic rights to water, housing and other basic necessities are upheld and promoted by the project
State the baseline condition for each monitoring indicator	4) Human rights - Lack of access means an obstacle to people availing of their human rights
Describe each safeguard measure that has been implemented during the reporting period	'Project were carried out based on HRBA. Activities ensured villages' right to water.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no residual impact.
Describe remedial action for residual impacts that will be taken	No residual impacts.
<b>5.Gender equality and women's empowerment</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	Project activities fail to provide equal access to women and other vulnerable groups.
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Ensure the continued adherence to the specifications of CEDAW and ILO Conventions.
List the monitoring indicator(s) for each impact identified.	5) Gender equality women's empowerment - Ensure that women have equal access, and are included on all village-level management
State the baseline condition for each monitoring indicator	5) Gender equality and women's empowerment - Only few provisions for women to manage infrastructure
Describe each safeguard measure that has been	Village Lao Women Unions were a central partner at

implemented during the reporting period	all stages of activities and target villages, ensuring engagement with women in decision making. IE monitoring that the project team continued adherence to the specifications of CEDAW and ILO Conventions.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no the residual impact. With the initiatives of Village Lao Women Unions, women are actively participating in the village-level management committees.
Describe remedial action for residual impacts that will be taken	The assessment of equal access will be done as a part of completion assessment/audit.
<b>6.Core labour rights</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	Project activities lead to employment of underage staff or children.
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Ensure the project is in accordance with ILO Conventions. Ensure that no underage staff or children are employed in the project.
List the monitoring indicator(s) for each impact identified.	6) Core Labour Rights - Ensure that everyone working for the project is at least 18, and is formally contracted
State the baseline condition for each monitoring indicator	6) Core Labour Rights - no one is employed to work on infrastructure resilience
Describe each safeguard measure that has been implemented during the reporting period	IE ensured to follow ILO Conventions. No underage staff or children were employed in the project.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no the residual impact. The employment contracts related to this project were available for people at least 18.
Describe remedial action for residual impacts that will be taken	No residual impacts. The same contract template will be used.
<b>7.Indigenous people</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	Project activities infringe the rights of indigenous tribes and people.
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the	Ensure that the components of the UNDRIP Declaration and ILO Convention 169 on Indigenous tribes and people, are respected and upheld.



safeguard measures by activity.	
List the monitoring indicator(s) for each impact identified.	7) Indigenous People - See Access and Equity
State the baseline condition for each monitoring indicator	7) Indigenous people - have minimal access to infrastructure
Describe each safeguard measure that has been implemented during the reporting period	The components of the UNDRIP Declaration and ILO Convention 169 on Indigenous tribes and people, have been respected and upheld.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no the residual impact. The infrastructures were designed and have been constructed by taking into consideration of equal access for all indigenous groups present in each village.
Describe remedial action for residual impacts that will be taken	The assessment of equal access will be done as a part of completion assessment/audit.
<b>8. Involuntary resettlement</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	Project actions lead to unintended resettlement consequences.
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Ensure that no (sub-) projects are undertaken that involve forced eviction
List the monitoring indicator(s) for each impact identified.	8) Involuntary resettlement - No home or livelihood is affected by the project
State the baseline condition for each monitoring indicator	8) Involuntary Resettlement - IPs are threatened by infrastructure projects in other sector
Describe each safeguard measure that has been implemented during the reporting period	There was no resettlement as a result of project.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no the residual impact. Resettlement as a result of project didn't occur.
Describe remedial action for residual impacts that will be taken	No residual impacts. The construction plans have been completed without causing the resettlement.
<b>9. Protection of natural habitats</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	See conservation of biodiversity
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact	Ensure adherence to the Convention on Biological Diversity and species included within the IUCN Red

that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	List.
List the monitoring indicator(s) for each impact identified.	9) and 10) Protection of natural habitats and conservation of biodiversity - no negative affects on the natural environment
State the baseline condition for each monitoring indicator	9) and 10) Protection of natural habitats and Conservation of biodiversity - The natural environment has been affected by other infrastructure development projects
Describe each safeguard measure that has been implemented during the reporting period	IE ensured adherence to the Convention on Biological Diversity and species included within the IUCN Red List. Each sub projects were screened at 15 regulations for AF, and EMSP were developed for each sub project. EMSP safeguard measurement were followed.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no residual impact. EMSP safeguard measurements were followed, and no negative effects on the natural environment have been caused.
Describe remedial action for residual impacts that will be taken	EMSP safeguard measurement will be followed.
<b>10.Conservation of biological diversity</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	Impacts of local, upstream and downstream biodiversity as a result of project activities
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Ensure adherence to the Convention on Biological Diversity and species included within the IUCN Red List.
List the monitoring indicator(s) for each impact identified.	9) and 10) Protection of natural habitats and conservation of biodiversity - no negative affects on the natural environment
State the baseline condition for each monitoring indicator	9) and 10) Protection of natural habitats and Conservation of biodiversity - The natural environment has been affected by other infrastructure development projects
Describe each safeguard measure that has been implemented during the reporting period	'Adherence to the Convention on Biological Diversity and species included within the IUCN Red List are upheld. Sub project EMSP safeguard measurement were followed.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no residual impact. The sub project followed EMSP safeguard measurements. No negative effects on the conservation of biological diversity have been caused.
Describe remedial action for residual impacts that	Sub project EMSP safeguard measurement will be

will be taken	followed.
<b>11. Climate change</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	The project causes maladaptation either in the project sites or upstream or downstream (identified in the proposal, despite low risk)
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Ensure VA is completed locally accepted/ endorsed
List the monitoring indicator(s) for each impact identified.	11) Climate change - Climate adaptation measures are mainstreamed through project implementation.
State the baseline condition for each monitoring indicator	11) Climate change - Climate-related hazards impact community livelihoods
Describe each safeguard measure that has been implemented during the reporting period	'Results of VA (vulnerability assessment) were incorporated to project activities to ensure adaptation to local hazard.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	No residual impacts.
Describe remedial action for residual impacts that will be taken	No residual impacts.
<b>12. Pollution prevention and resource efficiency</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	See conservation of biodiversity
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Include impact monitoring through implementation of the project
List the monitoring indicator(s) for each impact identified.	12) Pollution prevention and resource efficiency - all materials used in construction are properly disposed of.
State the baseline condition for each monitoring indicator	12) Pollution prevention and resource efficiency - Waste disposal systems are not always in place
Describe each safeguard measure that has been implemented during the reporting period	EEs ensured that the appropriate storage of materials were provided. EMSP did not allow to use heavy machines for construction.
Describe the residual impact for each impact	There was no residual impact. EMSP safeguard

identified - if any - using the monitoring indicator(s)	measurement were followed.
Describe remedial action for residual impacts that will be taken	EMSP safeguard measurement will be followed.
<b>13.Public health</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	Communities may use some machinery and/or not have protective equipment. Unexploded ordnance is present in some areas
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Ensure Projects are not implemented in areas that have not been demined in accordance with the Lao National Unexploded Ordnance Programmes. Ensure that ICSC international health and safety standards are clearly accessible and understood
List the monitoring indicator(s) for each impact identified.	13) Public health - all water provided meets Ministry of Health guidelines
State the baseline condition for each monitoring indicator	13) Public health - Public health issues are common in the target areas
Describe each safeguard measure that has been implemented during the reporting period	'The project has been in accordance with the Lao National Unexploded Ordnance Programmes. Uphold the ICSC international health and safety standards during the planning of infrastructures and developing Action plans. Sub project EMSP public health measurement were followed.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no the residual impact. There was no residual impact. International health and safety standards as defined by ICSC were upheld during the planning of infrastructures. EMSP safeguard measurements were followed.
Describe remedial action for residual impacts that will be taken	EMSP safeguard measurement will be followed.
<b>14.Physical and cultural heritage</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	No
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	
List the monitoring indicator(s) for each impact	

identified.	
State the baseline condition for each monitoring indicator	
Describe each safeguard measure that has been implemented during the reporting period	
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	
Describe remedial action for residual impacts that will be taken	
<b>15.Lands and soil conservation</b>	
Are environmental or social risks present as per table II.K (II.L for REG) of the proposal?	Yes
During project/programme formulation, an impact assessment was carried out for the risks identified. Have impacts been identified that require management actions to prevent unacceptable impacts? (as per II.K/II.L)	Yes
List the identified impacts for which safeguard measures are required (as per II.K/II.L)	See conservation of biodiversity
List here the safeguard measures (i.e. avoidance, management or mitigation) identified for each impact that are supposed to be (or had to be) implemented during the reporting period. Please break down the safeguard measures by activity.	Ensure adherence to the Convention on Biological Diversity and species included within the IUCN Red List.
List the monitoring indicator(s) for each impact identified.	15) Land and Soil Conservation - See 9 and 10
State the baseline condition for each monitoring indicator	15) Land and Soil Conservation - See 9 and 10
Describe each safeguard measure that has been implemented during the reporting period	For each sub project, the locations of water sources and reservoirs were selected by local authorities in consultation with local communities to ensure the conservation of lands and soil.
Describe the residual impact for each impact identified - if any - using the monitoring indicator(s)	There was no residual impact. EMSP safeguard measurements were followed, and no negative effects on land and soil have been caused.
Describe remedial action for residual impacts that will be taken	Sub project EMSP safeguard measurement will be followed.

## Section 2: Monitoring for unanticipated impacts / corrective actions required

Has monitoring for unanticipated ESP risks been carried out?	Yes
Have unanticipated ESP risks been identified during the reporting period?	No
If unanticipated ESP risks have been identified, describe the safeguard measures that have been taken in response and how an ESMP has been prepared/updated	

## Section 3: Categorisation

Is the categorisation according to ESP standards still relevant?	Yes
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If No, please describe the changes made at activity, output or outcome level, approved by the Board, that resulted in this change of categorization.	
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**Section 4: Implementation arrangements**

What arrangements have been put in place by the Implementing Entity during the reporting period to implement the required ESP safeguard measures?	UN-Habitat continued training and mentoring the NPSEs in Sekong and Saravan, and continued to build the capacity of NPSE Attapeu on implementing the environmental and social management plan with a view to compliance with the ESP of the Adaptation Fund. This included using information derived from the vulnerability assessment.
Have the implementation arrangements been effective during the reporting period?	Yes
What arrangements have been put in place by each Executing Entity during the reporting period to implement the required ESP safeguard measures?	Village chiefs have been made aware of the ESP and the grievance mechanism. All contractors obliged to follow the ESP as laid out in the project document.
Have the implementation arrangements at the EEs been effective during the reporting period?	Yes

**Section 5: Projects/programmes with unidentified sub-projects (USPs). This section needs to be completed only if the project/proramme includes USPs.**

Have the arrangements for the process described in the ESMP for ESP compliance for USPs been put in place?	Yes
Is the required capacity for ESMP implementation present and effective with the IE and the EE(s)? Please provide details.	Yes
Have all roles and responsibilities adequately been assigned and positions filled?	Yes
Has the overall ESMP been updated with the findings of the USPs that have been identified in this reporting period?	Yes

Identified USPs in the reporting period	Application of ESMP to the USP	ESP risks identified for the USP	Has an impact assessment been carried out?	Consultation held for risks and impacts identification for USP	Gender disaggregation to identify risks and impacts	Safeguard measures identified for the USP	Monitoring indicator(s) for each impact
New/extension 24/7 small-scale water supply with the distribution network and household water meter connection (Overhead tanks with Pump	Yes	Principle 2: Moderate Risk Principle 3: Moderate Risk Principle 6: Moderate Risk Principle 7: Moderate Risk Principle 13:	Yes	Yes	Yes	Principle 2: Vulnerable groups potentially could be left behind of the decision making process. Principle 3: Most vulnerable groups could	Principle 2: Vulnerable groups potentially left behind in decision-making - At least one representative of vulnerable groups (e.g., ethnic



System) in 52 human settlements of Sekong, Saravane and Attapue provinces.		Moderate Risk Principle 14: Moderate Risk				<p>potentially be subject of discrimination during the implementation of the activity.</p> <p>Principle 6: The activity could potentially not comply with all the legal guarantees established by the Lao legal framework.</p> <p>Principle 7: The participatory consultation with indigenous people has enhanced the inclusiveness of the indigenous people in the design of the activity.</p> <p>Principle 13: The activity could potentially affect negatively to people's health, especially regarding the quality of water.</p> <p>Principle 14: The activity could potentially alter or damage cultural sites in the village.</p>	<p>minorities, women, and the elderly) is represented during the decision-making process. - Record of feedback provided from vulnerable groups on their participation in the decision-making process</p> <p>Principle 3: Discrimination against vulnerable groups during implementation</p> <p>- Record of incidents of discrimination against vulnerable groups during the implementation phase.</p> <p>Principle 6: Compliance with Lao legal framework - Record of incidents of legal non-compliance and corrective actions taken.</p> <p>Principle 7: Inclusiveness of indigenous people in</p>
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						<p>design through participatory consultation</p> <ul style="list-style-type: none"> <li>- Record of participatory consultations with indigenous people during the activity's design and planning phase.</li> </ul> <p>Principle 13: Impact on people's health, particularly water quality</p> <ul style="list-style-type: none"> <li>- Record sample random water quality test (e.g., pH, contaminants) before, during, and after the activity</li> <li>Record of water quality-related issues (e.g., visual check of transparency, extremely high temperature, records of health problems among people using the same water system) after the completion of the construction.</li> </ul>
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							Principle 14: Potential alteration or damage to cultural sites - Record of incidents of damage or alteration to cultural sites and measures taken for mitigation or restoration.
New/extension 24/7 small-scale water supply with the distribution network and household water meter connection (Overhead tanks with Solar pump System) in 15 human settlements of Sekong, Saravane and Attapue provinces.	Yes	Principle 2: Moderate Risk Principle 3: Moderate Risk Principle 6: Moderate Risk Principle 7: Moderate Risk Principle 13: Moderate Risk Principle 14: Moderate Risk	Yes	Yes	Yes	Principle 2: Vulnerable groups potentially could be left behind of the decision making process. Principle 3: Most vulnerable groups could potentially be subject of discrimination during the implementation of the activity. Principle 6: The activity could potentially not comply with all the legal guarantees established by the Lao legal framework. Principle 7: The participatory consultation with indigenous people has enhanced the inclusiveness	Principle 2: Vulnerable groups potentially left behind in decision-making - At least one representative of vulnerable groups (e.g., ethnic minorities, women, and the elderly) is represented during the decision-making process. - Record of feedback provided from vulnerable groups on their participation in the decision-making process Principle 3: Discrimination against vulnerable groups during

						<p>of the indigenous people in the design of the activity.</p> <p>Principle 13: The activity could potentially affect negatively to people's health, especially regarding the quality of water.</p> <p>Principle 14: The activity could potentially alter or damage cultural sites in the village.</p>	<p>implementation</p> <ul style="list-style-type: none"> <li>- Record of incidents of discrimination against vulnerable groups during the implementation phase.</li> <li>Principle 6: Compliance with Lao legal framework - Record of incidents of legal non-compliance and corrective actions taken.</li> <li>Principle 7: Inclusiveness of indigenous people in design through participatory consultation</li> <li>- Record of participatory consultations with indigenous people during the activity's design and planning phase.</li> <li>Principle 13: Impact on people's health, particularly water quality</li> <li>- Record sample random water quality test (e.g., pH,</li> </ul>
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							contaminants) before, during, and after the activity Record of water quality-related issues (e.g., visual check of transparency, extremely high temperature, records of health problems among people using the same water system) after the completion of the construction. Principle 14: Potential alteration or damage to cultural sites - Record of incidents of damage or alteration to cultural sites and measures taken for mitigation or restoration.
New/extension 24/7 small-scale water supply with the distribution network and household water meter connection (Gravity-Fed System) in	Yes	Principle 2: Moderate Risk Principle 3: Moderate Risk Principle 6: Moderate Risk Principle 7: Moderate Risk	Yes	Yes	Yes	Principle 2: Vulnerable groups potentially could be left behind of the decision making process. Principle 3: Most vulnerable	Principle 2: Vulnerable groups potentially left behind in decision-making - At least one representative of vulnerable groups (e.g.,

<p>96 human settlements of Sekong, Saravane and Attapue provinces.</p>		<p>Principle 13: Moderate Risk Principle 14: Moderate Risk</p>				<p>groups could potentially be subject of discrimination during the implementation of the activity. Principle 6: The activity could potentially not comply with all the legal guarantees established by the Lao legal framework. Principle 7: The participatory consultation with indigenous people has enhanced the inclusiveness of the indigenous people in the design of the activity. Principle 13: The activity could potentially affect negatively to people's health, especially regarding the quality of water. Principle 14: The activity could potentially alter or damage cultural sites in the village.</p>	<p>ethnic minorities, women, and the elderly) is represented during the decision-making process. - Record of feedback provided from vulnerable groups on their participation in the decision-making process Principle 3: Discrimination against vulnerable groups during implementation - Record of incidents of discrimination against vulnerable groups during the implementation phase. Principle 6: Compliance with Lao legal framework - Record of incidents of legal non-compliance and corrective actions taken. Principle 7: Inclusiveness of indigenous</p>
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							<p>people in design through participatory consultation - Record of participatory consultations with indigenous people during the activity's design and planning phase.</p> <p>Principle 13: Impact on people's health, particularly water quality - Record sample random water quality test (e.g., pH, contaminants) before, during, and after the activity</p> <p>Record of water quality-related issues (e.g., visual check of transparency, extremely high temperature, records of health problems among people using the same water system) after the completion of the</p>
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							construction. Principle 14: Potential alteration or damage to cultural sites - Record of incidents of damage or alteration to cultural sites and measures taken for mitigation or restoration.
Expansion of network for connecting to water supply system with the distribution network and household water meter connection in 6 human settlements of Sekong, Saravane and Attapue provinces.	Yes	Principle 2: Moderate Risk Principle 3: Moderate Risk Principle 6: Moderate Risk Principle 7: Moderate Risk Principle 13: Moderate Risk Principle 14: Moderate Risk	Yes	Yes	Yes	Principle 2: Vulnerable groups potentially could be left behind of the decision making process. Principle 3: Most vulnerable groups could potentially be subject of discrimination during the implementation of the activity. Principle 6: The activity could potentially not comply with all the legal guarantees established by the Lao legal framework. Principle 7: The participatory consultation with indigenous people has enhanced the	Principle 2: Vulnerable groups potentially left behind in decision-making - At least one representative of vulnerable groups (e.g., ethnic minorities, women, and the elderly) is represented during the decision-making process. - Record of feedback provided from vulnerable groups on their participation in the decision-making process Principle 3: Discrimination against vulnerable groups

						<p>inclusiveness of the indigenous people in the design of the activity.</p> <p>Principle 13: The activity could potentially affect negatively to people's health, especially regarding the quality of water.</p> <p>Principle 14: The activity could potentially alter or damage cultural sites in the village.</p>	<p>during implementation</p> <ul style="list-style-type: none"> <li>- Record of incidents of discrimination against vulnerable groups during the implementation phase.</li> </ul> <p>Principle 6: Compliance with Lao legal framework - Record of incidents of legal non-compliance and corrective actions taken.</p> <p>Principle 7: Inclusiveness of indigenous people in design through participatory consultation</p> <ul style="list-style-type: none"> <li>- Record of participatory consultations with indigenous people during the activity's design and planning phase.</li> </ul> <p>Principle 13: Impact on people's health, particularly water quality</p> <ul style="list-style-type: none"> <li>- Record sample random water quality test (e.g.,</li> </ul>
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							pH, contaminants) before, during, and after the activity Record of water quality-related issues (e.g., visual check of transparency, extremely high temperature, records of health problems among people using the same water system) after the completion of the construction. Principle 14: Potential alteration or damage to cultural sites - Record of incidents of damage or alteration to cultural sites and measures taken for mitigation or restoration.
New/extension 24/7 small-scale water supply with the distribution network and household water meter connection (Other	Yes	Principle 2: Moderate Risk Principle 3: Moderate Risk Principle 6: Moderate Risk Principle 7: Moderate	Yes	Yes	Yes	Principle 2: Vulnerable groups potentially could be left behind of the decision making process. Principle 3: Most	Principle 2: Vulnerable groups potentially left behind in decision-making - At least one representative of vulnerable

<p>Systems) in 19 human settlements of Sekong, Saravane and Attapue provinces.</p>		<p>Risk Principle 13: Moderate Risk Principle 14: Moderate Risk</p>			<p>vulnerable groups could potentially be subject of discrimination during the implementation of the activity. Principle 6: The activity could potentially not comply with all the legal guarantees established by the Lao legal framework. Principle 7: The participatory consultation with indigenous people has enhanced the inclusiveness of the indigenous people in the design of the activity. Principle 13: The activity could potentially affect negatively to people's health, especially regarding the quality of water. Principle 14: The activity could potentially alter or damage cultural sites in the village.</p>	<p>groups (e.g., ethnic minorities, women, and the elderly) is represented during the decision-making process. - Record of feedback provided from vulnerable groups on their participation in the decision-making process Principle 3: Discrimination against vulnerable groups during implementation - Record of incidents of discrimination against vulnerable groups during the implementation phase. Principle 6: Compliance with Lao legal framework - Record of incidents of legal non-compliance and corrective actions taken. Principle 7: Inclusiveness of</p>
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						<p>indigenous people in design through participatory consultation - Record of participatory consultations with indigenous people during the activity's design and planning phase.</p> <p>Principle 13: Impact on people's health, particularly water quality - Record sample random water quality test (e.g., pH, contaminants) before, during, and after the activity</p> <p>Record of water quality-related issues (e.g., visual check of transparency, extremely high temperature, records of health problems among people using the same water system) after the completion</p>
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							of the construction. Principle 14: Potential alteration or damage to cultural sites - Record of incidents of damage or alteration to cultural sites and measures taken for mitigation or restoration.
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### Section 6: Grievances

Was a grievance mechanism established capable and known to stakeholders to accept grievances and complaints related to environmental and social risks and impacts?	Yes
Were grievances received during the reporting period?	No

List all grievances received during the reporting period regarding environmental and social impacts; gender related matters; or any other matter of project/programme activities	For each grievance, provide information on the grievance redress process	Provide the status/outcome
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Comments

## GP Compliance

### Section 1: Quality at entry

Was an initial gender assessment conducted during the preparation of the project/programme's first submission as a full proposal? Yes

Does the results framework include gender-responsive indicators broken down at the different levels (objective, outcome, output)? Yes

#### List the gender-responsive elements that were incorporated in the project/programme results framework

Gender-responsive element	Level	Indicator	Baseline	Target	Rated result for the reporting period
Participation of Lao Women's	Objective	Women presence in training	No evidence of female	Women's presence in all	Good

Union and female government officials in project formulation, discussion and implementation.		sessions, workshops and meetings	engagement in infrastructure project formulation, discussion and implementation.	stages of project development	
Outcome 1.3 - Resilience building measures identified by provincial and district authorities which can feed into local development plans emphasizing community climate change resilience, disaster preparedness, land use planning, water resource management and infrastructure development.	Outcome	"Provincial governments and district authorities are aware of pro-poor, rights-based, gender sensitive, climate change adaptation options."	Little awareness of pro-poor, rights-based, gender-sensitive, climate change adaptation options at the sub-national level	3 provincial and 8 district gender-aware development plans developed.	Good
Outcome 2.1 - Community capacity to plan, construct and maintain resilient water-, drainage-, sanitation-, related infrastructure systems and to apply improved hygiene standards strengthened	Outcome	No. of targeted communities with increased capacity, including representatives of all ethnicities, women (50%), young people, elderly, people with disabilities and other people with vulnerabilities participate in the planning process	None of the target communities have been engaged or received capacity building training to plan, construct and maintain infrastructure systems.	"189 (or less if clustering is possible)"	Good
Information established about the vulnerability of women at the village level	Output	Gender disaggregated population established at the village level	No such information exists	189 villages with gender disaggregated vulnerability information	Good
Output 3.1 -	Output	Number of	No one benefits	At least 50% of	Good

Vulnerable infrastructure strengthened or new resilient infrastructure constructed		women that benefit from physical infrastructure	from improved adaptation infrastructure	the beneficiaries (originally 47,000) are women	
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## Section 2: Quality during implementation and at exit

List gender equality and women's empowerment issues encountered during implementation of the project/programme. For each gender equality and women's empowerment issue describe the progress that was made as well as the results.

Gender equality and women's empowerment issues	Rated result for the reporting period	Provide justification of the rating provided
Almost all village chiefs and local government staff in Lao PDR are male	Satisfactory	Satisfactory - some further progress has been made at including women, including increasing engagement with Lao Women's Union and ensuring that women have decision-making responsibility at the village level. As demonstrated on the ESP tab, all ESP related considerations have usually included between 20-40% women - an improvement on female participation from previous years. In a few cases, this was 50% or more

## Section 3: Implementation arrangements

What arrangements have been put in place by the Implementing Entity during the reporting period to comply with the GP	As in previous reporting periods, the IE has worked with government partners to promote the participation of female representatives and participants in trainings and events, complying with the GP.
Have the implementation arrangements at the IE been effective during the reporting period?	Yes
What arrangements have been put in place by each Executing Entity during the reporting period to comply with the GP?	To comply with the GP, all NPSEs engaged in Attapeu, Saravan and Sekong developed the activities planned facilitating women's engagement in decision making, especially at the village level. This was also implemented within local committees which manage and maintain the infrastructures.
Have the implementation arrangements at the EE(s) been effective during the reporting period?	Yes
Have any capacity gaps affecting GP compliance been identified during the reporting period and if so, what remediation was implemented?	No

## Section 4: Grievances

Was a grievance mechanism established capable and known to stakeholders to accept grievances and complaints related to gender equality and women's empowerment?	Yes
Were grievances received during the reporting period?	No

<b>List all grievances received through the grievance mechanism during the reporting period regarding gender-related matters of project/programme activities [6]</b>	<b>For each grievance, provide information on the grievance redress process used</b>	<b>Provide the status/outcome</b>
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Comments

## Rating

### Implementing Entity

Project components/outcomes	Alignment with AF outcomes	Expected Progress	Progress to date	Rating
Output 1.1 - Integrated climate change vulnerability and disaster risk reduction assessments (incl. maps) conducted/produced in target areas	Outcome 1	Complete in year 2.	Completed	Highly Satisfactory
Output 1.3 - Developing Action Plans	Outcome 1	Complete in year 2.	Completed	Satisfactory
Output 2.1.1. Community workshops/trainings in support of project roll out	Outcome 2	Training reports due month 36	Completed	Satisfactory
Output 3.1.1 Plans for sub-projects	Outcome 3	Construction completed for 189 infrastructures	Completed	Highly Satisfactory
Output 3.1.1. Procurement contracts in place	Outcome 3	Procurement completed	Completed	Satisfactory

**Please provide the Name and Contact information of the person(s) responsible for completing the Rating section**

Name	Email
Avi Sarkar	avi.sarkar@un.org

**Please justify your rating. Outline the positive and negative progress made by the project since it started. Provide specific recommendations for next steps.**

The overall progress has been behind the original schedule because the project sites have been severely affected by Covid-19 in 2021/2022 with several lockdowns, including the restriction of gathering more than 10 people. After all restrictions had been lifted, due to the shortage of experienced construction workers over the country, the project has not been completely recovered from the delay. In addition, there was a delay in disbursement. Despite the all complex challenges, the project has made credible progress and this is the reason to rate the progress as satisfactory.

### Executing Entity / Project Coordinator

Project components/outcomes	Alignment with AF outcomes	Expected Progress	Progress to date	Rating
Output 1.1 - Vulnerability Assessment	Outcome 1	Complete in year 2.	Ontrack	Highly Satisfactory

Output 1.3 - Developing Action Plans	Outcome 1	Complete in year 2.	Ontrack	Satisfactory
Output 2.1.1. Community workshops/trainings in support of project roll out	Outcome 2	Training reports due month 36	Completed	Satisfactory
Output 3.1.1 Plans for sub-projects	Outcome 3	Plans developed for 189 infrastructures	Completed	Highly Satisfactory
Output 3.1.1. Procurement contracts in place	Outcome 3	Procurement completed	Completed	Satisfactory

**Please provide the Name and Contact information of the person(s) responsible for completing the Rating section**

Name	Email	Institution
Keovixien Sixanon, Project Coordinator	sxkeovixien@yahoo.com	Nampapa State-owned Enterprise (NPSE) Attapeu

**Please justify your rating. Outline the positive and negative progress made by the project since it started. Provide specific recommendations for next steps.**

IE was highly motivated to recover from the schedule delays. It is also noteworthy that the IE continuously worked closely with the ministries and the communities that remains of me the "leave no one behind", the United Nation's policy. This was beyond the solid project management skill. Considering both the progress in physical construction under the difficult situation and the project management style, I am providing the overall rating to be highly satisfactory.

## Other

Project components/outcomes	Alignment with AF outcomes	Expected Progress	Progress to date	Rating
Output 1.1 - Vulnerability Assessment	Outcome 1	Complete in previous years	Ontrack	Highly Satisfactory
Output 1.3 - Developing Action Plans	Outcome 1	Complete in previous years	Ontrack	Highly Satisfactory
Output 2.1.1. Community workshops/trainings in support of project roll out	Outcome 2	Training reports due month 36	Completed	Highly Satisfactory
Output 3.1.1 Plans for sub-projects	Outcome 3	Plans developed for 189 infrastructures	Completed	Satisfactory
Output 3.1.1. Procurement contracts in place	Outcome 3	Procurement underway	Ontrack	Highly Satisfactory

**Please provide the Name and Contact information of the person(s) responsible for completing the Rating section**

Name	Email
Syamphone Sengchandala	syamphone.s@gmail.com

**Please justify your rating. Outline the positive and negative progress made by the project since it started. Provide specific recommendations for next steps.**

The overall rating is satisfactory because the progress of the remaining construction has been good. As noted in the last Project Progress Report, the project is behind the original schedule due to the fund flow issues, the impact of natural disasters each year, the COVID-19 pandemic, etc. However, the IE's internal loan has improved the cash flow and prevented a suspension of construction. Notably, the government sees the

vulnerability assessment and action planning work as critically important for the country and is working with UN-Habitat to replicate this work in Laos' remaining 14 provinces.

## Overall Rating

### Overall rating

Satisfactory

**Please justify your rating. Outline the positive and negative progress made by the project since it started. Provide specific recommendations for next steps.**

The project faced significant delays due to COVID-19 lockdowns in 2021/2022, a shortage of experienced workers, and funding delays. Despite these challenges, credible progress was made, and all activities were completed by June 2023, leading to a satisfactory rating. The government's commitment to the project is evident as they collaborate with UN-Habitat to extend the work to Laos' remaining provinces.

## Project Indicators

### List of indicators

Type of Indicator (indicators towards Objectives, Outcomes, etc...)	Indicator	Baseline	Progress Since Inception	Target for Project End
Outcomes	Outcome 1.1 Number of local vulnerability assessments reports that are available/processed to national government agencies for policy making.	3	Completed. (Note: it was completed before the reporting period, however, we filled this for the archive purpose.)	3 Provincial, 8 district and 189 village level assessments complete (provincial and district level assessments in draft)
Outputs	Output 1.1.1 Number of climate change vulnerability and disaster risk assessments produced at the provincial, district and settlement/community level	0	Completed. (Note: it was completed before the reporting period, however, we filled this for the archive purpose.)	3 Provincial, 8 district and 189 village level assessments complete (provincial and district level assessments in draft)
Outcomes	Outcome 1.2 Number of targeted institutions with increased capacity to reduce vulnerability to climate variability risks	0	Capacity building in year 3 focused on the Provincial Department of Public Works and Transport technical/engineering capacity, focusing	National Government / MPWT (1) can provide guidance to sub-national level on resilient infrastructure development -



			on climate change adaptation and implementing activities in accordance with the ESMP	Provincial governments (3) and district governments (8) actively participate and guide community level adaptation investments
Outputs	Output 1.2.1 Number of staff trained to roll-out the project and to improve community-level resilience.	0	Completed. 100 staffs attended the training including 15 women. (Note: it was completed before the reporting period, however, we filled this for the archive purpose).	National-level government (20) Provincial-level (30) District-level (40)
Outcomes	Outcome 1.3 Provincial governments and district authorities are aware of pro-poor, rights-based, gender sensitive, climate change adaptation options	0	With the learning from the knowledge of Action plans promoted through this project, the discussions are ongoing with the national government about replication in the remaining 14 provinces of Laos	Provincial governments and district authorities are aware of pro-poor, rights-based, gender sensitive, climate change adaptation options
Outputs	Output 1.3.1 Number of government entities on provincial and district level that developed initial climate change action plans and adaptation options.	0	Completed. (Note: it was completed before the reporting period, however, we filled this for the archive purpose.)	3 provincial development plans 8 district development plans
Outcomes	Outcome 2.1 No. of targeted communities with increased capacity, incl. representatives of all ethnicities, women (50%), young people, elderly, people with disabilities and other people with vulnerabilities participate in the planning process	0	189. Total 125,295 people, of whom 67,659 are women	189 (or less if clustering is possible)
Outputs	Output 2.1.1 Number of actionable plans	0	Completed with the village level plans covering 189	189 (or less if clustering is possible)

	developed		villages. (Note: it was completed before the reporting period, however, we filled this for the archive purpose.)	
Outputs	Output 3.1 Number of physical infrastructure improved or newly constructed to withstand climate change and variability- induced stress	0	Construction completed in 189 villages, benefitting 125,295 people, 67,659 women.	47,000 people should be beneficiaries (initial target)
Outputs	Output 4.1 No. of materials	0	Completed. (Note: it was completed before the reporting period, however, we filled this for the archive purpose.)	The number of knowledge products was not defined in the project proposal

## Comments

## Lessons Learned

Implementation and Adaptive Management		
Describe any changes undertaken to improve results on the ground or any changes made to project outputs (i.e. changes to project design)	Challenges	There have not been substantive changes but there has been a move to online communication when it has not been possible to meet face to face due to Covid restrictions. This affected largely on the IE's management of physical construction work. Because of the digital shift, the IE controlled the quality and maintained the relationship with the EEs with a limited number of site visits.
Have the environmental and social safeguard measures that were taken been effective in avoiding unwanted negative impacts?	Opportunities	No unwanted negative impacts were reported against the environmental and social management plan of the project, and the project's grievance mechanism was not triggered.
How have gender considerations been taken into consideration during the reporting period? What have been the	Opportunities	The water management systems were designed with careful consideration of gender issues,

<p>lessons learned as a consequence of inclusion of such considerations on project performance or impacts? List lessons learned specific to gender, detailing measures and project/programme-specific indicators highlighting the role of women as key actors in climate change adaptation.</p>		<p>ensuring equal access for all individuals. The design process prioritized inclusivity and aimed to address the specific needs . By incorporating a gender-sensitive approach, the goal was to create an accessible and equitable water infrastructure that benefits everyone. Through these efforts, the water management systems promote fairness, inclusivity, and equal opportunities within the community.</p>
<p>Were there any delays in implementation? If so, include any causes of delays. What measures have been taken to reduce delays?</p>	<p>Challenges</p>	<p>The delay was mainly caused by COVID-19 restrictions between 2020 and 2022. It was so serious that IE was not able to recover it fully within this reporting period. In addition, 2 circumstances promoted the delay: (i) delay in disbursement due to the 9-month assessment for Project Progress Report (PPR), and (ii) the shortage of experienced construction workers in the country. The IE requested no-cost extension in December 2022. To improve the efficiency of PPR exercise, the IE reviewed the internal process and resources.</p>
<p>What implementation issues/lessons, either positive or negative, affected progress?</p>	<p>Challenges</p>	<p>Since all activities excluding the physical construction work had been completed by the previous reporting period, the main implementation issue for this reporting period was the delay in construction. The cause and the action taken is described in the next line.</p>

**Has the project already reached mid term or project completion?(yes/no).**

Yes

<p><b>Climate Resilience Measures</b></p>	
<p>What have been the lessons learned, both positive and negative, in implementing climate adaptation measures that would be relevant to the design and implementation of future projects/programmes for enhanced resilience to climate change?</p>	<p>Cost planning is of critical importance. During the reporting period inflation rose in Lao PDR and supply chains were disrupted. These factors impacted prices. The project has done everything it can to keep costs within budget, but the number of villages (189) and the remote locations of numerous villages makes</p>

	it challenging with the budget available. Efforts are taken to ensure that the activities under component 2 keep pace with construction under Component 3 - as community capacity is essential to guarantee the continued functionality of the infrastructure.
What is the potential for the climate resilience measures undertaken by the project/programme to be replicated and scaled up both within and outside the project area?	The potential remains substantial, as the project's experience and good practice grows. Government requesting UN-Habitat to assist for a National VA exercise is a good example. Finance remains a barrier to further replication of small scale infrastructure in the country.
<b>Readiness Interventions (Applicable only to NIEs that received one or more readiness grants)</b>	
What have been the lessons learned, both positive and negative, in accessing and implementing climate finance readiness support that would be relevant to the preparation, design and implementation of future concrete adaptation projects/programmes?	NA
How have the outputs (such as manuals, guidelines, procedures or the experience from providing peer support, etc) from employing readiness grants been used to inform institutional capacity needs, gender issues, and environmental and social aspects in developing and implementing concrete projects/programmes for enhanced resilience to climate change?	NA
<b>Concrete Adaptation Interventions</b>	
What have been the lessons learned, both positive and negative, in implementing concrete adaptation interventions that would be relevant to the design and implementation of future projects/programmes implementing concrete adaptation interventions?	Please see above regarding complementary capacity building. The infrastructure investments are so far working well. Continued work is required to ensure that the infrastructure is inclusive (though it has been so far)
What is the potential for the concrete adaptation interventions undertaken by the project/programme to be replicated and scaled up both within and outside the project area?	There is substantial interest and willingness to scale up, but finance remains the biggest challenge. The Ministry of Public Works and Transport is especially receptive to efforts to upscale infrastructure construction to new villages in the general project area and other provinces in Laos that are highly vulnerable to the impacts of climate change.
<b>Knowledge Management</b>	
How has existing information/data/knowledge been used to inform project development and implementation? What kinds of information/data/knowledge were used?	Data generation is foundational to the project development and implementation. The vulnerability assessment (at provincial, district and village level) gave the local government up to date evidence to improve decision making relating to infrastructure and socio-economic development. The action plans and associated knowledge, such as the google earth model help to visualise the complex information generated by the project. The ongoing challenge is to maintain wide distribution of the information generated by the project. The detailed ESS process established, developed and implemented along the 15 principles of AF has fed into the process of technical

	survey, engineering design and construction.
Has the existing information/data/knowledge been made available to relevant stakeholder? If so, what channels of dissemination have been used?	Yes, the information, data, and knowledge have been published on the UN-Habitat Lao Website.
Please list any knowledge products generated and include hyperlinks whenever possible (e.g. project videos, project stories, studies and technical reports, case studies, training manuals, handbooks, strategies and plans developed, etc.)	Climate change vulnerability assessment in target provinces and other relevant materials can be downloaded on the UN-Habitat Lao Website <a href="https://unhabitat.la/projects/af1/">https://unhabitat.la/projects/af1/</a>
If learning objectives have been established, have they been met? Please describe.	Learning objectives are incorporated into the activities of Output 2.1.1. Under this, the objective is that a number of people, with as equal balance as possible of men and women, learn the basic techniques required to operate and maintain the infrastructure. At the provincial and national level, knowledge is core to Outcome 4 (and part of Outcome 1). The government is now seeking to replicate the vulnerability assessments conducted under the project in other provinces
Describe any difficulties there have been in accessing or retrieving existing information (data or knowledge) that is relevant to the project. Please provide suggestions for improving access to the relevant data.	Some data has been challenging to access because it is not public. The VA process relied heavily on the census data, for example, which is not publicly available and therefore this would be difficult to replicate by other agencies if they were to attempt to replicate the exact approach of this project. There are very different capacity levels between the district, provincial and national level, meaning different levels of information are required. The government has shown great interest in scaling-up and adopting the vulnerability assessment methodology and this has paved access to nation-wide information in partnership with MONRE.
Has the identification of learning objectives contributed to the outcomes of the project? In what ways have they contributed?	Yes, because increasing the knowledge of villagers who can take responsibility for the infrastructure and conduct essential management, operation and maintenance of it is critical for achieving the project's outcomes and its sustainability. Clear learning objectives have been key for achieving greater awareness of climate change-related challenges and response at the village, district and provincial levels.
<b>Innovation</b>	
Describe any innovative practices or technologies that figured prominently in this project.	To be updated in PPR 8.
<b>Complementarity/ Coherence with other climate finance sources</b>	
Has the project been scaled-up from any other climate finance? Or has the project build upon any other climate finance initiative?	No
If you answered yes, kindly specify the name of the Fund/Organization.	

## Results Tracker

**Goal:** Assist developing-country Parties to the Kyoto Protocol and the Paris Agreement that are particularly vulnerable to the adverse effects of climate change in meeting the costs of concrete adaptation projects and programmes in order to implement climate-resilient measures.

**Impact:** Increased resiliency at the community, national, and regional levels to climate variability and change.

**Is this the mid-term or terminal project performance report?** Terminal

**Impact: Increased resiliency at the community, national, and regional levels to climate variability and change**

<b>Core Indicator: No. of beneficiaries</b>				
		<b>Total</b>	<b>% of female beneficiaries</b>	<b>% of Youth beneficiaries</b>
Baseline information	Direct beneficiaries supported by the project			
Baseline information	Indirect beneficiaries supported by the project			
Baseline information	Total (direct + indirect beneficiaries)	0	0	0
Target performance at completion	Direct beneficiaries supported by the project	47000	50	30
Target performance at completion	Indirect beneficiaries supported by the project	60000	50	30
Target performance at completion	Total (direct + indirect beneficiaries)	107000	50	30
Performance at mid-term	Direct beneficiaries supported by the project	3371	50.48	48
Performance at mid-term	Indirect beneficiaries supported by the project		50.48	48
Performance at mid-term	Total (direct + indirect beneficiaries)	3371	50.48	48
Performance at completion	Direct beneficiaries supported by the project			
Performance at completion	Indirect beneficiaries supported by the project		0	
Performance at completion	Total (direct + indirect beneficiaries)	0	0	0

## Outcome 1: Reduced exposure to climate-related hazards and threats

**Indicator 1: Relevant threat and hazard information generated and disseminated to stakeholders on a timely basis**

	Number of targeted stakeholders - Total	Number of targeted stakeholders - % of female targeted	Hazards information generated and disseminated	Overall effectiveness
Baseline information				
Target performance at completion	200	30	Drought	4: Effective
Performance at mid-term	200	30	Drought	4: Effective
Performance at completion				

### Output 1.1 Risk and vulnerability assessments conducted and updated

Indicator 1.1: No. of projects/programmes that conduct and update risk and vulnerability assessments

	No. of projects/programme that conduct and update risk and vulnerability assessments	Sector	Scale	Status
Baseline information				
Target performance at completion	200	Water management	Regional	3: Risk and vulnerability assessments completed or updated
Performance at mid-term	200	Water management	Regional	3: Risk and vulnerability assessments completed or updated
Performance at completion				

### Output 1.2 Targeted population groups covered by adequate risk reduction systems

Core Indicator 1.2: No. of Early Warning Systems

	No. of adopted Early Warning Systems	Category targeted	Hazard	Geographical coverage	Number of municipalities
Baseline information					
Target performance at completion					
Performance at	0				

mid-term					
Performance at completion					

## Outcome 2: Strengthened institutional capacity to reduce risks associated with climate-induced socioeconomic and environmental losses

### Indicator 2: Capacity of staff to respond to, and mitigate impacts of, climate-related events from targeted institutions increased

	Number of staff targeted - Total	Number of staff targeted - % of female targeted	Sector	Capacity level
Baseline information				
Target performance at completion	100	25	Multi-sector	4: High capacity
Performance at mid-term	100	25	Multi-sector	2: Low capacity
Performance at completion				

### Output 2.1 Strengthened capacity of national and sub-national centres and networks to respond rapidly to extreme weather events

#### Indicator 2.1.1: No. of staff trained to respond to, and mitigate impacts of, climate-related events

	Total staff trained	% of female staff trained	Type
Baseline information			
Target performance at completion	100	25	Public
Performance at mid-term	100	15	Public
Performance at completion			

#### Indicator 2.1.2: No. of targeted institutions with increased capacity to minimize exposure to climate variability risks

	Type	Scale	Sector	Capacity Level
Baseline information				
Target performance at completion	Public	Regional	Multi-sector	4: High capacity
Performance at mid-term	Public	National	Multi-sector	3: Medium capacity
Performance at completion				

### Output 2.2. Increased readiness and capacity of national and sub-national entities to directly access and program adaptation finance

#### Indicator 2.2.1: No. of targeted institutions benefitting from the direct access and enhanced direct access modality



	Number of beneficiaries	Scale	Sector	Capacity Level
Baseline information				
Target performance at completion				
Performance at mid-term				
Performance at completion				

### Outcome 3: Strengthened awareness and ownership of adaptation and climate risk reduction processes

#### Indicator 3.1: Increase in application of appropriate adaptation responses

	Percentage of targeted population applying adaptation measures	Sector
Baseline information		
Target performance at completion	100	Multi-sector
Performance at mid-term	100	Multi-sector
Performance at completion		

#### Output 3.1: Targeted population groups participating in adaptation and risk reduction awareness activities

Indicator 3.1.1: Percentage of targeted population awareness of predicted adverse impacts of climate change, and of appropriate responses

	No. of targeted beneficiaries	% of female participants targeted	Level of awareness
Baseline information			
Target performance at completion	47000	65	4: Mostly aware
Performance at mid-term	96867	50.4	3: Partially aware
Performance at completion			

#### Output 3.2: Strengthened capacity of national and subnational stakeholders and entities to capture and disseminate knowledge and learning

Indicator 3.2.1: No. of technical committees/associations formed to ensure transfer of knowledge

	No. of technical committees/associations	% of women represented in committees/associations	Level of awareness
Baseline information			
Target performance at completion			
Performance at mid-term			
Performance at completion			

Indicator 3.2.2: No. of tools and guidelines developed (thematic, sectoral, institutional) and shared with relevant stakeholders

	No. of tools and guidelines	Type	Scale
Baseline information			
Target performance at completion			
Performance at mid-term			
Performance at completion			

#### Outcome 4: Increased adaptive capacity within relevant development sector services and infrastructure assets

Indicator 4.1: Increased responsiveness of development sector services to evolving needs from changing and variable climate

	Project/programme sector	Geographical scale	Response level
Baseline information			
Target performance at completion	Water management	National	4: Mostly responsive (Most defined elements)
Performance at mid-term	Water management	Regional	4: Mostly responsive (Most defined elements)
Performance at completion			

Core Indicator 4.2: Assets produced, developed, improved or strengthened

	Sector	Targeted asset	Changes in asset (quantitative or qualitative)
Baseline information			
Target performance at completion	Water management	2: Physical asset (produced/improved/strengthened)	5: Fully improved
Target performance at completion	Multi-sector	1: Health and Social Infrastructure (developed/improved)	4: Mostly Improved
Target performance at completion	Multi-sector	2: Physical asset (produced/improved/strengthened)	4: Mostly Improved
Performance at mid-term	Water management	2: Physical asset (produced/improved/strengthened)	4: Mostly Improved
Performance at mid-term	Multi-sector	1: Health and Social Infrastructure (developed/improved)	2: Somewhat improved
Performance at mid-term	Multi-sector	2: Physical asset (produced/improved/strengthened)	2: Somewhat improved
Performance at completion			

**Indicator 4.1.1: Vulnerable development sector services and infrastructure assets strengthened in response to climate change impacts, including variability**

Indicator 4.1.1: No. and type of development sector services to respond to new conditions resulting from climate variability and change

	Number of services	Type	Sector
Baseline information			
Target performance at completion	174		Multi-sector
Target performance at completion	141		Multi-sector
Performance at mid-term	93		Multi-sector
Performance at mid-term	9		Multi-sector
Performance at completion			

**Outcome 5: Increased ecosystem resilience in response to climate change and variability-induced stress**

**Indicator 5: Ecosystem services and natural resource assets maintained or improved under climate change and variability-induced stress**

	Natural resource improvement level	Sector	Type
Baseline information			
Target performance at completion			
Performance at mid-term			
Performance at completion			

**Output 5: Vulnerable ecosystem services and natural resource assets strengthened in response to climate change impacts, including variability**

Core Indicator 5.1: Natural Assets protected or rehabilitated

	Natural asset or Ecosystem (type)	Total number of natural assets or ecosystems protected/rehabilitated	Unit	Effectiveness of protection/rehabilitation
Baseline information				
Target performance at completion	Forests	3	ha protected	4: Effective
Target performance at completion	Forests	3	ha rehabilitated	4: Effective
Target performance at completion	Catchment area/Watershed/Aquifer	10	ha protected	5: Very effective
Performance at mid-term	Forests	1	ha protected	2: Partially effective
Performance at mid-term	Forests	1	ha rehabilitated	2: Partially effective

Performance at mid-term	Catchment area/Watershed/Aquifer	1	ha protected	3: Moderately effective
Performance at completion				

## Outcome 6: Diversified and strengthened livelihoods and sources of income for vulnerable people in targeted areas

### Indicator 6.1: Increase in households and communities having more secure access to livelihood assets

	No. of targeted households	% of female headed households	Improvement level
Baseline information			
Target performance at completion			
Performance at mid-term			
Performance at completion			

### Indicator 6.2: Increase in targeted population's sustained climate-resilient alternative livelihoods

	No. of targeted households	% of female headed households	% increase in income level vis-à-vis baseline	Alternate Source
Baseline information				
Target performance at completion				
Performance at mid-term				
Performance at completion				

### Output 6 Targeted individual and community livelihood strategies strengthened in relation to climate change impacts, including variability

Indicator 6.1.1: No. and type of adaptation assets created or strengthened in support of individual or community livelihood strategies

	Number of Assets	Type of Assets	Sector	Adaptation strategy
Baseline information				
Target performance at completion				
Performance at mid-term				
Performance at completion				

### Core Indicator 6.1.2: Increased income, or avoided decrease in income

	Number of households (total number in the project area)	Income source	Income level (USD)
Baseline information			

Target performance at completion		Agricultural-related	
Performance at mid-term			
Performance at completion			

### Outcome 7: Improved policies and regulations that promote and enforce resilience measures

#### Indicator 7: Climate change priorities are integrated into national development strategy

	Integration level
Baseline information	
Target performance at completion	4: Most
Performance at mid-term	4: Most
Performance at completion	

#### Output 7: Improved integration of climate-resilience strategies into country development plans

Indicator 7.1: No. of policies introduced or adjusted to address climate change risks

	No. of Policies introduced or adjusted	Sector	Scale	Type
Baseline information				
Target performance at completion				
Performance at mid-term				
Performance at completion				

#### Indicator 7.2: No. of targeted development strategies with incorporated climate change priorities enforced

	No. of Development strategies	Regulation	Effectiveness
Baseline information			
Target performance at completion	2	4: Enforced (Most elements implemented)	5: Very effective
Performance at mid-term	2	4: Enforced (Most elements implemented)	5: Very effective
Performance at completion			

### Outcome 8: Support the development and diffusion of innovative adaptation practices, tools and technologies

Indicator 8: Innovative adaptation practices are rolled out, scaled up, encouraged and/or accelerated at regional, national and/or subnational level

	Sector of innovative	Geographic Scale	Type
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	<b>practice</b>		
Baseline information			
Target performance at completion			
Performance at mid-term			
Performance at completion			

**Output 8: Viable innovations are rolled out, saled up, encourages and/or accelerated**

Indicator 8.1: No. of innovative adaptation practices, tools and technologies accelerated, scaled-up and/or replicated

	<b>No. of innovative practices/ tools technologies</b>	<b>Sector</b>	<b>Status</b>	<b>Effectiveness</b>
Baseline information				
Target performance at completion				
Performance at mid-term				
Performance at completion				

**Indicator 8.2: No. of key findings on effective, efficient adaptation practices, products and technologies generated**

	<b>No. of key findings generated</b>	<b>Type</b>	<b>Effectiveness</b>
Baseline information			
Target performance at completion			
Performance at mid-term			
Performance at completion			