

# **PROJECT INFORMATION SHEET**

PIP No :

1624

(To be allocated by MOP)

## **PART A : BASIC PROJECT INFORMATION**

(Must be completed in all cases)

1. PROJECT NAME: **Enhancing Sustainability of the Transboundary Cambodia – Mekong River Delta Aquifer**
2. PROJECT DATES:
- PROJECT START: **11/20/2023**
- ESTIMATED COMPLETION: **11/19/2028**
3. TOTAL PROJECT COST: **\$15,000,000**
4. RESPONSIBLE MINISTRY: **Ministry of Environment**
- RESPONSIBLE UNIT: **General Directorate of Environmental Protection (GDEP)**
- អង្គភាពទទួលខុសត្រូវ: **អគ្គនាយកដ្ឋានគាំពារបរិស្ថាន**
5. PROJECT STATUS: **On Going**

### ***DETAILED PROJECT INFORMATION***

6. TYPE OF PROJECT: **Free-standing technical assistance**
7. SOURCE OF PROJECT FUNDING: **Grant**
8. THE POLICY AREA OF THE PENTAGON STRATEGY PHASE I THAT THIS PROJECT FALLS UNDER:V  
**Side 5. Ensuring Environmental Sustainability and Readiness for Responding to Climate Change, as well as Promotion of Green Economy**
9. THE CONTRIBUTION OF THE PROJECT TO ACHIEVE THE ABOVE POLICY:  
**The Cambodia-Viet Nam bilateral project will help enhance and promote sustainable agriculture, forestry, and fisheries-related services through pilot testing and expansion of production scope, institutional capacity building, implementation of multidisciplinary work in response to climate change and environmental impacts, etc.**
10. SUPPORT TO CAMBODIA INDUSTRIAL DEVELOPEMENT POLICY:
- Does this Project support to the implementation of the Cambodia Industrial Development Policy? **Yes**
- Coordination of Supporting Policies (Skills and Human Resource Development, Sciences, Technology and Innovation Promotion, Establishment and Development of Industrial Infrastructure, and Financing Measures)**
11. SECTOR:  
**Environment and Conservation (includes Forestry sector)**
12. PROJECT LOCATION: (Describe the location of the project and its components.)
13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)  
**Climate change and upstream development are seen to have a major impact on people living in the Mekong Delta-Cambodia and Vietnam. The objective of the project is to “enhance the safety of the Mekong River Basin’s water environment by promoting sustainable management and use of transboundary groundwater systems in the Mekong Delta-Cambodia.”**
14. PROJECT DESCRIPTION: (Provide a description of the project and all its components.)

- Outcome 1: Consensus among countries on key transboundary and national concerns affecting the aquifer, reached through joint fact finding, opening pathways to concerted remedial actions
- Outcome 2: Tested strategies for improved groundwater recharge, reduced extraction and mitigated ecosystem/livelihoods trade-offs
- Outcome 3: Agreed improvements of transboundary cooperation improve aquifer transboundary Governance
- Outcome 4: Commitment reached among countries on implementing priority legal, institutional and policy reforms and investments for the protection and equitable utilization of the shared aquifer and its' dependent ecosystems
- Outcome 5: Implementation of project mechanisms for monitoring, improved stakeholder consultation, gender mainstreaming, dissemination, coordination and monitoring progress enhance long-term sustainability of achievements.

15. PROJECT JUSTIFICATION: (Give reasons why this particular project is considered worthwhile.)

**This is a bilateral project (Cambodia-Vietnam) focused on improving groundwater management in the Cambodia-Mekong Delta (CMDA). The project was initiated to address a number of challenges identified:**

1. Loss of groundwater resources
2. Land subsidence
3. Increased levels of arsenic and other pollutants
4. Saltwater intrusion
5. Damage to groundwater ecosystems

16. BENEFITS: (Who will benefit, directly and indirectly, from the project?)

**Direct benefits: The Ministry of Environment will have improved capacity development in terms of groundwater management, planning. Specific guidelines as well as technical documents will be developed, which will be the basis for groundwater management.**

**Indirect benefits: The project will contribute to various institutions such as the Ministry of Water Resources and Meteorology, the Ministry of Agriculture, Forestry and Fisheries, the Ministry of Industry, Science, Technology and Innovation, the Ministry of Mines and Energy, and many other research institutions.**

17. FEASIBILITY STUDY

Is a Feasibility Study for the project required? **No**

If YES, has it been carried out? **Not yet**

18. SOCIAL & ENVIRONMENT IMPACT: (Briefly describe the effects of the project, if any, on the people and the surrounding environment. Will the project assist in alleviating poverty?)

**The project will not cause any physical impacts on the locality or implementation site. Instead, it will contribute to socio-economic and environmental development through sustainable groundwater management.**

19. CLIMATE CHANGE

a. Is any activity or output of the project related to Climate Change? **Yes**

If Yes, please indicate **Adaptation**

b. How is the project relevant to Climate Change?

Please select a Climate Change related sector of the project and fill up the contribution of the climate change related expenditure compared to the total project cost.

Climate Change-Related Sector	Percentage	Climate Change Relevance
<b>6. Water against drought/flood</b>	<b>30</b>	<b>Low</b>

20. DISASTER RISK REDUCTION

Is any activity or output of the project related to Disaster Risk Reduction? **Yes**

If Yes, please indicate **Preparedness**

21. GENDER ANALYSIS: (How does the project affect the roles of the men and women in the project area? Will women be actively involved in the implementation of the project?)

**UNESCO WWAP will coordinate gender-related activities, and both countries (Cambodia and Vietnam) will implement a pilot project that will draw on the TDA results to develop action plans. The voices of affected communities, especially women and vulnerable groups, will be taken into account during project implementation.**

22. CAPACITY TO IMPLEMENT: (Does the Ministry have the skills and experience required to implement the project?)

**-Ministry of Environment: has sufficient capacity to implement the project according to the Terms of Reference (ToR) agreed with the implementing partners, especially the action plan with specific deadlines. The Ministry of Environment, with the General Department of Environmental Protection as the head, has provided additional support in coordinating and implementing the project, including necessary regulatory documents and administrative documents, etc.**

**-The project has been prepared with technical coordination from expert consultants in each sector, including support from MERFI, IUCN, UNESCO, etc., and there is a national technical council for review and advice.**

23. STATUS OF PROJECT IMPLEMENTATION: (Provide a brief update on the progress of the project to date. Discuss any major problems causing delays in project implementation.)

**- Organized the inception workshop on June 26, 2024**

**- Prepared a decision on the establishment of a project management and implementation team on “Promoting Transboundary Groundwater Sustainability in the Mekong Delta” on August 1, 2024**

**- Selected 3 technical consultants-JTC in September 2024**

**- Sent 2 officials to participate in the 10th International Conference on Water, held on September 23-26, 2024 in Uruguay.**

**- In the work of the Mekong Region Futures Institute (MERFI), additional experts related to Component 1 have been recruited and are being prepared for the TDA.**

24. PROJECT PRIORITY: (Please indicates the priority ranking of the project decided by the ministry/agency.)

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25. DONOR INVOLVEMENT: (Provide any information on current or potential donor involvement in the project.)

**FAO will be the Implementing Agency and International Union for Conservation of Nature (IUCN) has been selected as the Lead Executing Agency (Lead Operational Partner). The TDA process will be largely executed by UNESCO and the Mekong Region Futures Institute (MERFI) while IUCN will lead all SAP related steps, supported by other executing agencies and the Cambodia and Viet Nam National Mekong Committee (CNMC & VNMC). UNESCO WWAP will coordinate gender focused activities. The countries will execute pilot projects, which will be based on TDA results and inform the SAP formulation process.**

**PART B : PROJECT COSTS AND FUNDING SOURCES**  
(In US\$'000)

INVESTMENT COST	2024		2025 Budget	2026 Estimate	2027 Estimate	2028 Estimate	3yr Total 2026-2028	Recurrent Cost Est.
	Budget	Actual						
<b>Operational Expenditure</b>	708.1	495.7	621.4	698.5	659.5	681.3	2,039.3	0.0
Salaries	473.7	331.6	392.3	387.5	387.5	382.7	1,157.7	0.0
Materials + Admin	54.9	38.4	45.8	48.4	48.4	38.9	135.7	0.0
Other	179.5	125.7	183.3	262.6	223.6	259.7	745.9	0.0
<b>Capital Expenditure</b>	3,306.3	2,214.4	2,540.8	2,415.2	2,267.9	1,100.8	5,783.9	0.0
Construction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consultancy (i.e. TA) + Admin	3,170.6	2,119.4	2,460.8	2,179.2	2,077.5	982.4	5,239.1	0.0
Equipment+ Furniture	18.7	13.0	2.3	102.0	102.0	0.0	204.0	0.0
Training	117.0	82.0	77.7	134.0	88.4	118.4	340.8	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL COST</b>	4,014.4	2,710.1	3,162.2	3,113.7	2,927.4	1,782.1	7,823.2	0.0
FUNDING SOURCES	2024		2025 Budget	2026 Estimate	2027 Estimate	2028 Estimate	3yr Total 2026-2028	
	Budget	Actual						
<b>Project Revenue</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>Government Funding</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Cash Input	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Other Resources	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>Donor Funding</b>	4,014.4	2,710.1	3,162.2	3,113.7	2,927.4	1,782.1	7,823.2	
Global Environment Facility	4,014.4	2,710.1	3,162.2	3,113.7	2,927.4	1,782.1	7,823.2	
FAO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
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FAO	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
<b>TOTAL COMMITTED FUNDING</b>	4,014.4	2,710.1	3,162.2	3,113.7	2,927.4	1,782.1	7,823.2	
<b>FUNDING REQUIRED</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
(Total Cost - Funding Available)								

**Seen and Approved by  
Minister**

(Signature)

Date :