

# PROJECT INFORMATION SHEET

PIP No :

1434

(To be allocated by MOP)

## PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **Hydrochlorofluorocarbon Phase Out Management Plan (HPMP) Phase V**
2. PROJECT DATES:
- PROJECT START: **1/12/2023**
- ESTIMATED COMPLETION: **12/31/2025**
3. TOTAL PROJECT COST: **\$180,000**
4. RESPONSIBLE MINISTRY: **Ministry of Environment**
- RESPONSIBLE UNIT: **General Directorate of Environment Protection, Department of Air Quality, Noise and Vibration Management**
- អង្គភាពទទួលខុសត្រូវ: **នាយកដ្ឋានគ្រប់គ្រង គុណភាពខ្យល់ សំឡេង និងរំញ័រ 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:  
**To help the people in reduction of using Ozone Depleting Substances, as well to reduce the emission of greenhouse gases from the cooling sector.**
10. SUPPORT TO CAMBODIA INDUSTRIAL DEVELOPEMENT POLICY:  
Does this Project support to the implementation of the Cambodia Industrial Development Policy? **No**
11. SECTOR:  
**Environment and Conservation (includes Forestry sector)**
12. PROJECT LOCATION: (Describe the location of the project and its components.)  
**All Provinces,**
13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)  
**In alignment with the phasedown schedule outlined in the Montreal Protocol on Substances that Deplete the Ozone Layer, of which the Royal Government of Cambodia became a party on 27 June 2001, our objective is to systematically phase out and reduce the usage of Ozone Depleting Substances (ODS) and Hydrofluorocarbons (HFCs) in Cambodia.**
14. PROJECT DESCRIPTION: (Provide a description of the project and all its components.)
- 1 Conduct training sessions for enforcement officers focusing on the monitoring and control of Ozone Depleting Substances (ODS) and Hydrofluorocarbons (HFCs).**
- 2 Provide comprehensive training to technicians on Refrigerant Good Practices to minimize the leakage of ODS and HFCs into the atmosphere. Additionally, supply training tools to vocational training centers for the safe handling of cooling appliances during instructional sessions.**
- 3 Initiate a Public Awareness Campaign highlighting the adverse effects of Ozone Depleting Substances and HFCs on human health, the environment, and climate change.**

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

**Cambodia is a signatory to the Montreal Protocol on Ozone-Depleting Substances. In accordance with its commitments under the Montreal Protocol, Cambodia is required to establish the Hydrofluorocarbon Phase-out Management Plan (HPMP), to phaseout HCFC in a proper ways.**

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

- 1. The officers of the Department of Air Quality and Noise Management and relevant institutions related to the implementation of the Montreal Protocol.**
- 2. Refrigerant and Air-conditioning Technician.**
- 3. Enforcement official.**
- 4. All Cambodian people.**

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 enviroment. Will the project assist in alleviating poverty?)

**The Hydrochlorofluorocarbon (HCFC) Phase-out Management Plan is anticipated to gain a positive social and environmental impacts. By mitigating the use of HCFCs, the plan contributes to environmental preservation, safeguarding the ozone layer and reducing greenhouse gas emissions. This initiative promotes public health by minimizing harmful effects on communities and ecosystems. Additionally, the project aligns with sustainable development goals, potentially fostering economic growth and aiding poverty alleviation. As industries transition away from HCFCs, job opportunities may arise, enhancing livelihoods and fostering a healthier environment. Overall, the HCFC Phase-out Management Plan is expected to bring about a dual benefit, safeguarding both the well-being of people and the environment.**

19. CLIMATE CHANGE

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

If Yes, please indicate **Mitigation**

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>14. Emissions reduction (as a secondary objective)</b>	<b>100</b>	<b>Very Significant</b>

20. DISASTER RISK REDUCTION

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

If Yes, please indicate **Mitigation**

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?)

**The Hydrofluorocarbon Phase-out Management Plan (HPMP) undergoes a gender analysis to ensure inclusivity. Efforts are made to actively involve women in project implementation, recognizing their pivotal roles in community dynamics. The project aims to address any existing gender disparities, providing equal opportunities for women to participate in decision-making processes and benefit from related socio-economic advancements. By fostering gender equality, HPMP not only enhances the effectiveness of the initiative but also contributes to empowering women within the project area, promoting their active engagement, and reinforcing the overall positive impact on the community's well-being.**

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

**The successful execution of the Hydrofluorocarbon Phase-out Management Plan (HPMP) relies on the Ministry's capacity, which, despite demonstrating proficiency in environmental management, regulatory compliance, and strategic planning, faces a shortage of in-house experts. While the Ministry has experience overseeing similar initiatives, the current limitations necessitate the engagement of both local and international consultants and experts. This collaboration aims to supplement existing capabilities and address skill gaps, ensuring a comprehensive approach to navigate the complexities of HCFC phase-out. By leveraging external expertise, the Ministry aims to bolster its capacity, reinforcing its role as a competent steward for the successful realization of the HPMP.**

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.)

**Currently, the project is in progress, and our projected completion date is set for the end of 2025.**

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.)

**1. This project received budget from Multilateral Fund through United Nation Environment Programme (UNEP).**

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

INVESTMENT COST	2023		2024 Budget	2025 Estimate	2026 Estimate	2027 Estimate	3yr Total 2025-2027	Recurrent Cost Est.
	Budget	Actual						
<b>Operational Expenditure</b>	20.0	20.0	15.0	15.0	0.0	0.0	15.0	0.0
Salaries	5.0	5.0	5.0	5.0	0.0	0.0	5.0	0.0
Materials + Admin	10.0	10.0	5.0	5.0	0.0	0.0	5.0	0.0
Other	5.0	5.0	5.0	5.0	0.0	0.0	5.0	0.0
<b>Capital Expenditure</b>	60.0	60.0	40.0	30.0	0.0	0.0	30.0	0.0
Construction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consultancy (i.e. TA) + Admin	10.0	10.0	10.0	10.0	0.0	0.0	10.0	0.0
Equipment+ Furniture	10.0	10.0	0.0	0.0	0.0	0.0	0.0	0.0
Training	40.0	40.0	30.0	20.0	0.0	0.0	20.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>TOTAL COST</b>	80.0	80.0	55.0	45.0	0.0	0.0	45.0	0.0
FUNDING SOURCES	2023		2024 Budget	2025 Estimate	2026 Estimate	2027 Estimate	3yr Total 2025-2027	
	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>	80.0	80.0	55.0	45.0	0.0	0.0	45.0	
United Nation Environment Programme	80.0	80.0	55.0	45.0	0.0	0.0	45.0	
<b>TOTAL COMMITTED FUNDING</b>	80.0	80.0	55.0	45.0	0.0	0.0	45.0	
<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 :