

PROJECT INFORMATION SHEET

PIP No :

1328

(To be allocated by MOP)

PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **Building the Pan-Asia Partnership for Geospatial Air Pollution Information**
2. PROJECT DATES:
- PROJECT START: **1/17/2022**
- ESTIMATED COMPLETION: **1/31/2025**
3. TOTAL PROJECT COST: **\$200,000**
4. RESPONSIBLE MINISTRY: **Ministry of Environment**
- RESPONSIBLE UNIT: **Directorate General of Environmental Protection, Department of Air Quality, Noise and Vibration Management**
- អង្គភាពទទួលខុសត្រូវ: **អគ្គនាយកដ្ឋានគាំពារបរិស្ថាន នាយកដ្ឋានគ្រប់គ្រង គុណភាពខ្យល់ សំឡេង និងរំញ័រ**
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:
This project will assist professional officers in monitoring public air quality and help people better understand the air quality situation and will contribute to reducing air pollution in the atmosphere, as well as better understand the impact of air pollution on the environment and public health.
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.)
To enhance the capacity building to the regional and national of providing information on land size and in the context of a lack of information and air quality monitoring information, especially the integration and information on GEMS (The Geostationary Environment Monitoring Spectrometer), location monitoring information, and topography Stumbling air quality monitoring for weather forecast analysis and warning services.
14. PROJECT DESCRIPTION: (Provide a description of the project and all its components.)
- 1. Organizing regional partnerships through PANDORA Asia**
 - 2. Developing sub-regional and national platforms to manage and use data**
 - 3. Strengthening the capacity building of professional officers through training programs on the installation and use of PANDORA equipment, especially understanding of data management, monitoring air quality through satellite systems.**

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

1. **Completing public air quality monitoring data for gaps in places where the Ministry of Environment has not yet installed air quality monitoring equipment**
2. **Providing air quality data to assist in the assessment, strengthening of air quality management, modeling of domestic and regional air pollution movements and inventory of air pollution emissions.**
3. **Getting advanced equipment and technology to monitor air quality**
4. **Providing knowledge and experience to professional officers in the use of modern technology to monitor air quality.**
5. **Strengthening cooperation between countries in the region in monitoring and controlling air pollution in Cambodia.**

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

1. **This project will support the existing efforts of the Department of Air Quality, Sound and Vibration Management.**
2. **Support the establishment of inter-ministerial working groups to develop national policies and regulations.**
3. **Support public air quality management and public health protection.**
4. **Present Cambodia's willingness on the international stage to monitor air quality, reduce air pollution and protect public health.**

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 voice from air pollution affected in communities, especially women and vulnerable group, will be heard during monitoring missions and considered as the main key inputs for policies and regulation development. The project will provide positive impact on people health at the project site (air quality monitoring sites) and the poor and vulnerable group will gain health benefit from pollution control measures implemented by the government. Thus, the project will contribute to reduce the poverty.

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
14. Emissions reduction (as a secondary objective)	65	Moderate

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?)

This project don't affect the roles of men and women, women are encouraged to be actively involved in the project implementation.

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

This project still lacks of experienced technicians to install and use the equipment, so the project needs technical consultants and experts both inside and outside the country.

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.)

The project is starting in the early 2022 and planned to finish in 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.)

The project is funded by the Social and Economic Commission of the United Nations for Asia and the Pacific (UNESCAP) and the National Institute for Environmental Research (NIER) of the Republic of Korea, Korea International Cooperation Agency (KOICA).

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						
Operational Expenditure	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Salaries	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Materials + Admin	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital Expenditure	170.0	170.0	20.0	10.0	0.0	0.0	10.0	0.0
Construction	100.0	100.0	0.0	0.0	0.0	0.0	0.0	0.0
Consultancy (i.e. TA) + Admin	30.0	30.0	10.0	5.0	0.0	0.0	5.0	0.0
Equipment+ Furniture	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Training	40.0	40.0	10.0	5.0	0.0	0.0	5.0	0.0
Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
TOTAL COST	170.0	170.0	20.0	10.0	0.0	0.0	10.0	0.0
FUNDING SOURCES	2023		2024 Budget	2025 Estimate	2026 Estimate	2027 Estimate	3yr Total 2025-2027	
	Budget	Actual						
Project Revenue	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Government Funding	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	
Donor Funding	170.0	170.0	20.0	10.0	0.0	0.0	10.0	
Korea International Cooperation Agency	170.0	170.0	20.0	10.0	0.0	0.0	10.0	
TOTAL COMMITTED FUNDING	170.0	170.0	20.0	10.0	0.0	0.0	10.0	
FUNDING REQUIRED	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 :