

PROJECT INFORMATION SHEET

PIP No :

1081

(To be allocated by MOP)

PART A : BASIC PROJECT INFORMATION

(Must be completed in all cases)

1. PROJECT NAME: **Guidelines and Certification of Green Buildings in Cambodia**
2. PROJECT DATES:
- PROJECT START: **1/15/2019**
- ESTIMATED COMPLETION: **12/31/2021**
3. TOTAL PROJECT COST: **\$506,000**
4. RESPONSIBLE MINISTRY: **Ministry of Environment**
- RESPONSIBLE UNIT: **National Council for Sustainable Development/Department of Green Economy**
- អង្គភាពទទួលខុសត្រូវ: **ក្រុមប្រឹក្សាជាតិអភិវឌ្ឍន៍ដោយចីរភាព/នាយកដ្ឋានសេដ្ឋកិច្ចបៃតង**
5. PROJECT STATUS: **Completed**

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. Strengthening of the Banking System and Non-Bank Financial Sector
9. THE CONTRIBUTION OF THE PROJECT TO ACHIEVE THE ABOVE POLICY:
- The project outputs are:**
- i.Green building design guidelines and certification process for Cambodia are developed**
 - ii.Establishment of an operations body for Green Building Certification in Cambodia**
 - iii.The guidelines and certification process for green buildings are piloted in Phnom Penh**
 - iv.Awareness of Cambodian industry is improved on green building design**
 - v.Improved knowledge sharing between Cambodia, the Mekong region and the ROK on green building design.**
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) | Forestry Sector |
| | Environment and Conservation, excluding Forestry Sector |
12. PROJECT LOCATION: (Describe the location of the project and its components.)
Phnom Penh,
13. PROJECT OBJECTIVE: (Describe the major purpose of the project.)
Develop guidelines and certification standards for constructing green buildings (residential and commercial) in Cambodia.
14. PROJECT DESCRIPTION: (Provide a description of the project and all its components.)
This project has one executive committee, one project working group, one international consultant, project implementation team and has technical support for KICT.
15. PROJECT JUSTIFICATION: (Give reasons why this particular project is considered worthwhile.)

Cambodia has no guidelines for constructing new buildings or retrofitting existing buildings in an energy efficient and resource efficient manner;

Most architects and contractors do not have knowledge or capacity to integrate energy efficient and resource efficiency measures in building design;

Major construction boom and increasing urbanization in Cambodia, particularly in Phnom Penh resulting in a high demand for new commercial and residential buildings;

Major construction boom and increasing urbanization in Cambodia, particularly in Phnom Penh resulting in a high demand for new commercial and residential buildings; and

Introduction of Green Building Design standards and certification scheme will open up new opportunities for MSMEs for supplying green building materials, and the performing of energy audits and water consumption audits

Green job creation and poverty reduction.

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

• Project will enhance growth in the renewables sector as more Cambodian buildings are developed with roof-top solar, and it will unlock the introduction of on-site wastewater treatment systems.

Help contributing Cambodia's commitment in reducing its carbon emissions, under its Nationally Determined Contribution (NDC) to the UNFCCC, and under its National Green Growth Policy (2013) and National Green Growth Strategic Plan (2013-2030).

Peer-to-peer learning experience of other countries in ASEAN country members, particularly in the Mekong region in developing green building standards and certification process.

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?)

Reduced: GHG, Energy and water consumption, Lower cost of utility bills, Create green jobs in green buildings, and Green City Dev. and sustainable urbanization

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
-------------------------------	------------	--------------------------

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?)

Women engagement since international consultant hired and project team recruitment.

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

Lack of capacity in term of in dept understating on Green Building Standards and Certification, but the project has been supporting in technical support from international consultant and the Korean Institute of Civil Engineering and Building Technology

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 get delay to deliver the outputs, but it will deliver all outputs on time (December 31, 2021).

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

7

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

This project has been supporting of financial support to the Kingdom of Cambodia by the Republic of Korea's Ministry of Foreign Affair (RoK MoFA) through the Mekong-Rok Cooperation Fund (MKCF).

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

INVESTMENT COST	2020		2021 Budget	2022 Estimate	2023 Estimate	2024 Estimate	3yr Total 2022-2024	Recurrent Cost Est.
	Budget	Actual						
Operational Expenditure	211.0	0.0	212.0	0.0	0.0	0.0	0.0	0.0
Salaries	175.0	0.0	156.0	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	36.0	0.0	56.0	0.0	0.0	0.0	0.0	0.0
Capital Expenditure	55.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
Construction	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Consultancy (i.e. TA) + Admin	55.0	0.0	15.0	0.0	0.0	0.0	0.0	0.0
Equipment+ Furniture	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Training	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
TOTAL COST	266.0	0.0	227.0	0.0	0.0	0.0	0.0	0.0
FUNDING SOURCES	2020		2021 Budget	2022 Estimate	2023 Estimate	2024 Estimate	3yr Total 2022-2024	
	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	266.0	0.0	227.0	0.0	0.0	0.0	0.0	
Republic of Korea	266.0	0.0	227.0	0.0	0.0	0.0	0.0	
TOTAL COMMITTED FUNDING	266.0	0.0	227.0	0.0	0.0	0.0	0.0	
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 :