

Building capacity of
extension officers to help
farmers better adapt to
climate change in the
coastal area of Cambodia



CBA2021-11SY-Sum

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ក្រសួងបរិស្ថាន
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1. Summary

Extension service roles play very important for climate change mainstreaming to local level. In this case, Cambodia is one of the countries suffering from the negative impact of climate change and the capacity of extension officers found limited in the coastal area of the country. The project “Building Capacity of Extension Officers to Help Farmers Better Adapt to Climate Change in Coastal Area of Cambodia” is dealing with: (i) capacity improvement of extension officers with new adaptation technology that appropriate in the target area, (ii) gap identification between extension officers and farmers in providing or accessing adaptation extension services in coastal area of Cambodia, and (iii) mainstream appropriate climate change adaptation options to household level. The approach used in this project comprises of training of trainers (ToT), gap analysis, and farmers training. This project aligned with APN strategic plan, sustainable development goal, and Cambodia climate change strategic plan in 2014-2023. Under the framework of this project, the capacity of 120 extension officers and 120 farmers will be enhanced on appropriate climate change adaptation strategies, and the gap of accessing extension services in coastal area of Cambodia also identified.

2. Objectives

The overall objective of this project is to contribute to capacity development of Cambodia extension officers to help farmers better adapt to climate change in coastal area of Cambodia. The specific objectives of this project is included:

- (i) To improve capacity of extension officers with new adaptation technology that appropriate in the target area
- (ii) To identify the gap between extension officers and farmers in providing or accessing adaptation extension services in coastal area of Cambodia
- (iii) To mainstream appropriate climate change adaptation options to household level through farmers training

3. Outputs, Outcomes and Impacts

Outputs	Outcomes	Impacts
Training of Trainers for extension officers	Capacity of 120 extension officers have increased	All trainee become trainers and able to extend the knowledge of climate change to community level

Farmers training	120 farmers attended the 1 training on climate change by extension officers	Farmers are able to choose appropriate adaptation option after attended the training
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4. Key facts/figures

After implementation the project, the following figures are noted:

- Capacity of 120 extension officers have increased
- 120 farmers are able to choose appropriate adaptation option after attended the training
- A set of training on material on climate change had developed and disseminated

5. Publications

A publication was already submitted to APN science bulletin for review:

Title "Impact of Climate Change, Climate Variability, and Adaptation in Coastal Area of Cambodia"

6. Media reports, videos and other digital content

N/A

7. Pull quotes

The following are quotes from relevant stakeholders:

- **Extension officer:** "I have been working with community level for long time, but I feel not confident to take about climate change. After attending ToT, I found myself improved a lot and feel confident to mainstream climate change into community level".
- **Farmers:** "Now, I know how to adapt to climate change and I can choose appropriate adaptation base on my current situation"

8. Acknowledgments

The project team would like to acknowledge for Asia Pacific Network (APN) for the whole support to this project.

9. Appendices

Training of Trainers Report

1. Training of Trainers Report: Kampot Province
2. Training of Trainers Report: Kep Province
3. Training of Trainers Report: Koh Kong Province
4. Training of Trainers Report: Preasihanuk Province
5. Training Manual

6. Powerpoint presentation (KH)
7. Survey Questionnaire (Household)
8. Survey Questionnaire (Official)

Farmers Training Report

1. Farmers Report: Kampot Province
2. Farmers Report: Kep Province
3. Farmers Report: Koh Kong Province
4. Farmers Report: Presihanuk Province