Promoting Sustainable Agriculture in Samroung Commune, Prey Chhor District, Kampong Cham Province through Networking of RCE Greater Phnom Penh





Institute of Environment Rehabilitation and Conservation (ERECON)

Introduction

- Agriculture is one of the important sectors in Cambodia.
- 70% of labor force engages in agricultural sector
- RCE Greater Phnom Penh covers 6 provinces surrounding Phnom Penh Capital

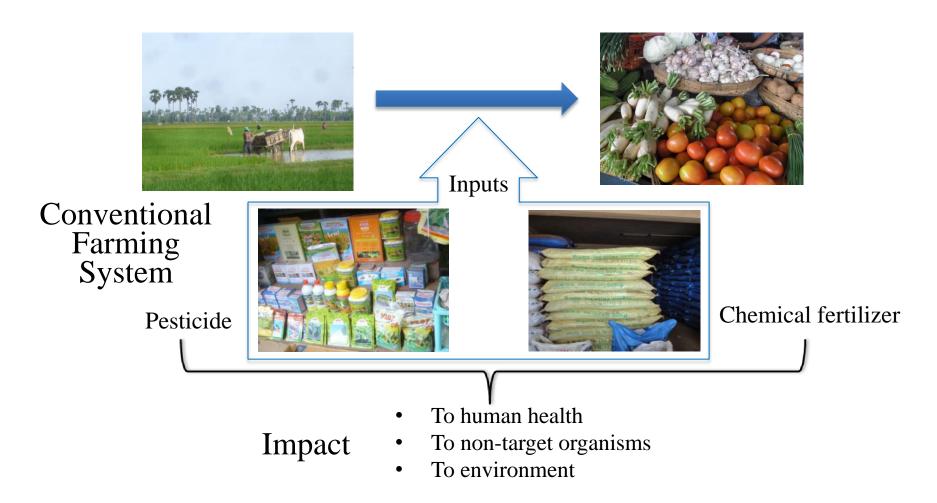




Fig. 1 Location of Phnom Penh and Greater Phnom Penh

Introduction

• In Kampong Cham province, mono cropping based on conventional farming system by applying chemical fertilizer and pesticide become a major style

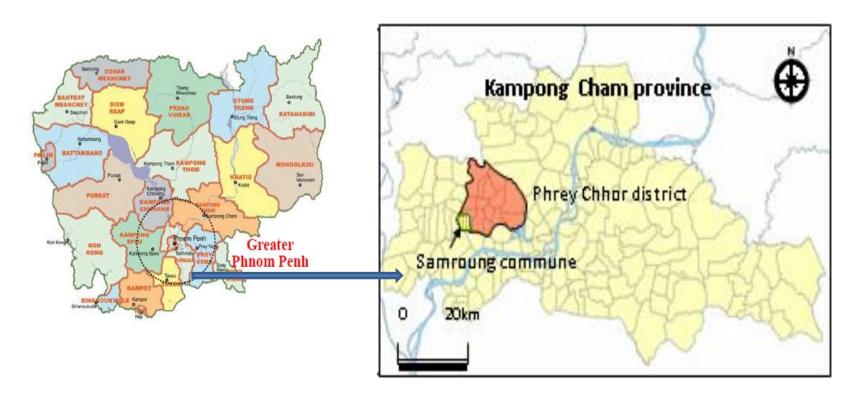


Target area

Eleven villages which are located in Samroung commune, Phrey Chhor district, Kampong Cham province, Cambodia

Samroung commune

- Land area: 16.85 km²
- Population: About 8,111
- Main production: rice
- Conventional farming system is mainly applied



Project activities

The Food, Agriculture and Environment Education have been focused for sustainable development in the area of Greater Phnom Penh

Approaching to local communities



Sustainable farming practices such as producing and applying compost, pellet compost, liquid biofertilizer and biopesticide have been promoted

Approaching to elementary schools



Activities in RCE-GPP (1)

Farmers is making compost

Managing model farms





Pellet compost center





Promoting ESD

through
the Food, Agriculture
and Environment
Education

at local communities





Model farmer explains about SAP to other farmers





Model farmer

Farmers practice how to make pellet compost

Forming farmers' group

Activities in RCE-GPP (2)

Students observe agro-chemical use







Students conduct rice growth experiment

Instruction about food, agriculture and environment



Promoting ESD

through
the Food, Agriculture
and Environment
Education
at elementary schools







Established vegetable garden in elementary school

Vegetable garden at elementary school

Project Summary in RCE GPP Activity

- Sustainable farming practices such as producing and applying compost, pellet compost, liquid bio-fertilizer and bio-pesticide have been promoted at the local communities as well as at the elementary schools.
- For raising awareness on ESD at the elementary schools, the student experiments and the seminars on the Food, Agriculture and Environment Education were conducted.
- Also, the capacity building on ESD has been run for local farmers. For building local farmers' confident, the excursion to other farms managed with sustainable farming practices in Thailand or Cambodia was conducted. It was effective for deepening perception for local farmers.
- RCE activities described was highly relevant, so it was addressed by the Cambodia Government (MAFF) regarding greening agriculture.
- RCE Greater Phnom Penh is contributing to promote green agriculture, sustainable production as well as sustainable consumption for achieving global sustainable development.

Promote ESD with RCE Gretaer Phnom Penh!

