Promoting ESD through Food Agriculture and Environment Education in Elementary Schools and Rural Communities, Cambodia

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RCE-Greater Phnom Penh (RCE-GPP) has been acknowledged by United Nations University, Institute of Advanced Studies (UNU-IAS) on 26 December 2009.

The stakeholders of RCE Greater Phnom Penh are:

- Royal University of Agriculture (RUA) and the Institute of Environment Rehabilitation and Conservation, Cambodia Branch (ERECON Cambodia) which work as coordinators.
- Cambodia governmental Institutions
- Elementary schools and local communities in Kampong Cham as well as private sectors.
- Tokyo University of Agriculture, the Institute of Environment Rehabilitation and Conservation, Japan, and the Association of Environmental and Rural Development, Thailand, work as the external advisory panel
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,
Introduction

- In Kampong Cham province, mono cropping based on conventional farming system by applying chemical fertilizer and pesticide become a major style.
11 villages located in Samroung commune, Phrey Chhor district, Kampong Cham province, Cambodia, are selected as target area.
The food, agriculture and environment education have been focused for sustainable development in the area of Greater Phnom Penh.

Approaching local farmers

Sustainable farming practices such as producing and applying compost, pellet compost, liquid bio-fertilizer and bio-pesticide have been promoted

Approaching elementary school teachers and students

Students are the successors in the future
Outcomes of activities 2014

Promoting ESD through the food, Agriculture and Environment Education at local farmers

- Meeting about project activity with farmers
- Farmers is making compost
- Farmers practice how to make pellet compost
- Farmers and teachers join technical training in Thailand
- Observing vegetables with Low Chemical input
- Farmers sale vegetable with Low Chemical input at SSAP shop
- Field practice about committee member evaluate organic vegetables
- Farmers 'group observe marketing survey skill for local market price
- Holding meeting with project member about sale vegetables
Outcomes of activities 2014

Promoting ESD through the food, Agriculture and Environment Education at Elementary schools

- Promoting ESD program at elementary school teachers and students
- Meeting with school director to discuss about the progress of student activity
- Student collect raw material to make compost
- Provide technical training about microorganism to elementary school teacher
- Vegetable garden at elementary school
- School garden at elementary school
RCE-GPP has been implementing activities with other RCEs around the world on “Education for Sustainable Development (ESD) program of 2005-2014”.

RCE-GPP has invited all the stakeholders to join assessment and evaluation workshop with a view to do self-evaluation, measure the strength of the activities in promoting ESD in the region of Greater Phnom Penh for almost 10 years.

Moreover, data collection from the workshop will include importantly considering points to further develop frameworks of RCE-GPP activities in the future.
* The activities of RCE Greater Phnom Penh are in line with the global aspiration of sustainable production and consumption embracing the pillars of sustainability-economic, environmental and social.

* ESD is the most important key word of sustainable development not only for economic benefit, but also environment development.

* We believe the mainstream of RCE-GPP will contribute to social development. Through the activities, ESD is introduced in schools and the school curriculum integrates sustainable farming and ESD.

* Accordingly, the activities of RCE Greater Phnom Penh are contributing to green growth, sustainable production, and sustainable consumption, to achieve global sustainable development.
Thank you very much for your kind attention!