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□ **Royal University of Agriculture** □
Graduate School

**Low carbon activities and research by Royal
University of Agriculture**

Present by : *Mr. KIM Soben*

29th May, 2012

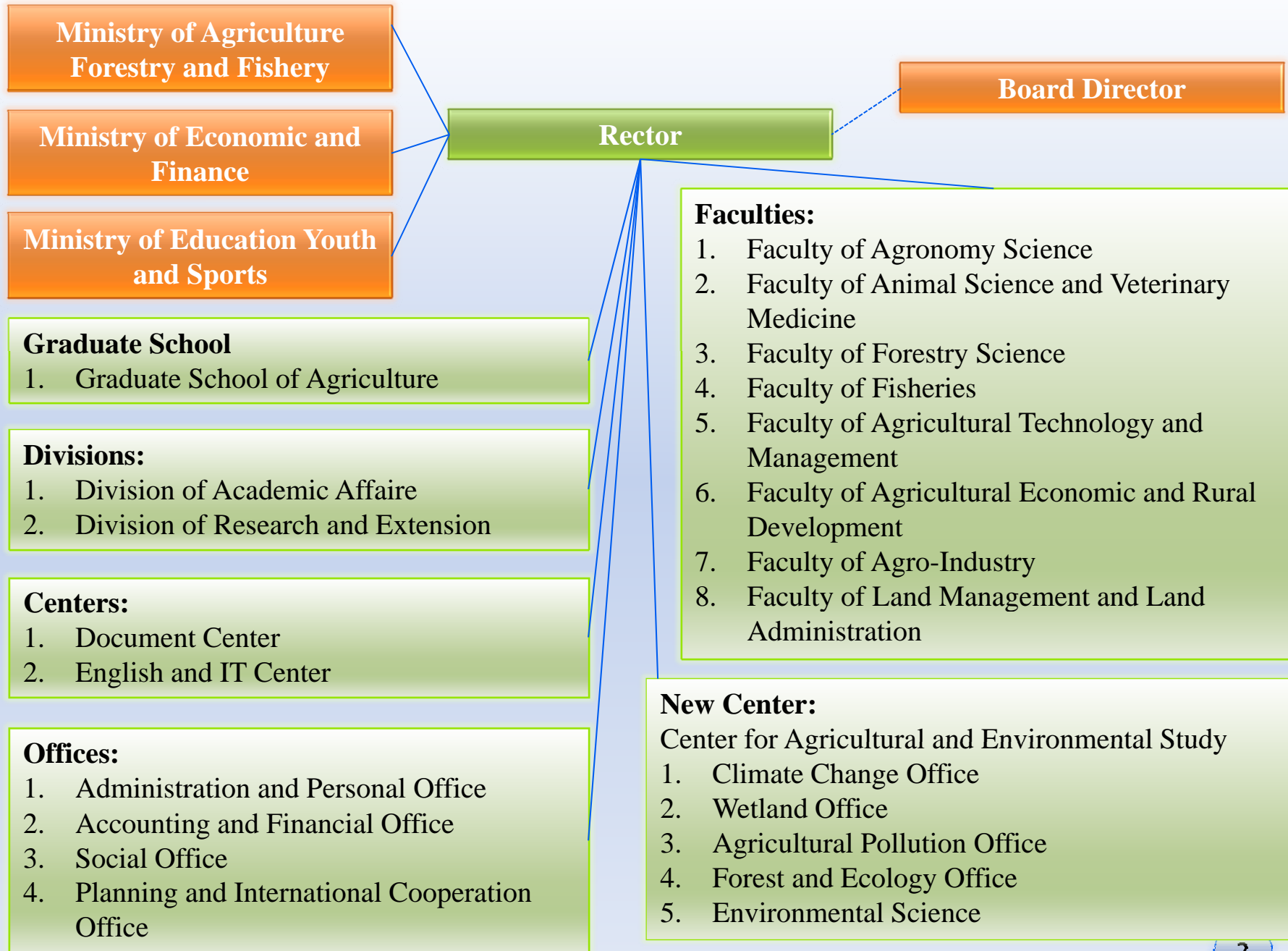
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1. About Royal University of Agriculture (RUA)

- RUA established in 1964 and supported by French Government to provide higher education in Agriculture .
- Between 1975 and 1979, The university closed during Khmer Rouge Regime.
- The university re-opened in 1980 as an Institute of Agricultural Education;
- On 27th December 1999, the university was declared as a public administration institute.





2. Research and development projects

- There are 33 ongoing projects since 2011:
 - Interdisciplinary Research and Development 9
 - Agronomy 6
 - Animal Science and Veterinary Medicine 6
 - Forestry 3
 - Fishery 1
 - Agro-Industry 3
 - Project related to Climate Change Project 6

3. Projects related to Climate Change

- Six projects related to Climate Change :
 1. Building Capacity of Institutions to Help Farmers Better Adapt to Climate Change and Variability in Cambodia.
 2. Rehabilitation of Native Forest, Cambodia
 3. Sustainable Ecosystems for Coastal, Urban, and River Environments

4. Agriculture in Cambodia: Roles of researchers and extension educators in context of climate change_review strategy and implementation.
5. Perception organic pollutant in Lower Mekong Basin
6. Promoting Sustainable Agriculture at Kampong Cham Province in Cambodia.

1. Building Capacity of Institutions to Help Farmers Better Adapt to Climate Change and Variability in Cambodia.

○ Objective :

- To increase the awareness of climate risks management.
- To develop educational outreach materials and demonstration trials to increase farmer awareness of the need for, and benefit of, adaptation strategy.
- To determine the trends in climate variability.
- To Synthesize lessons from the project.

- **Funded Agency and Partners :**

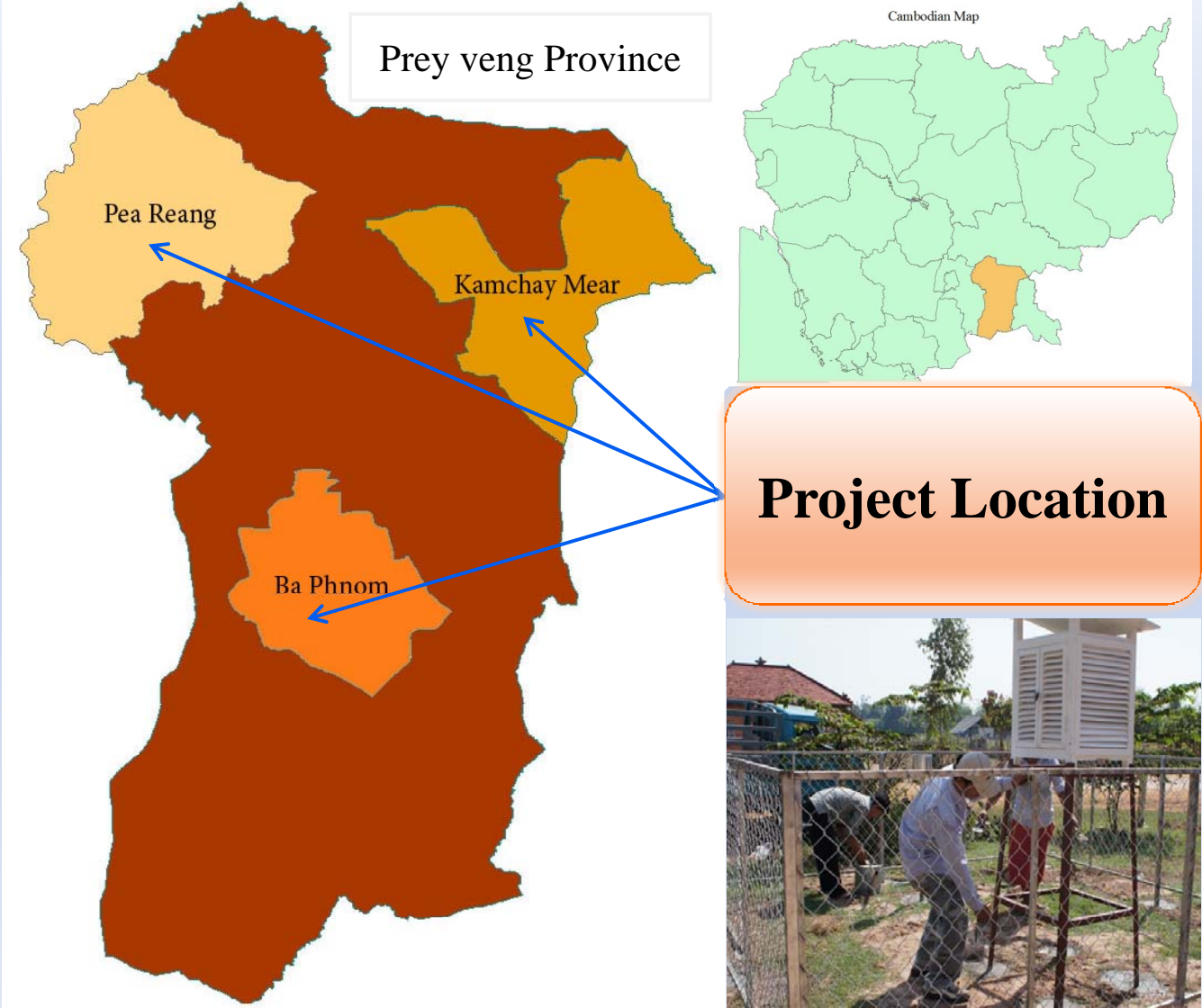
The project lasts for 15 months. It has been conducted in Prey Veng Province, and funded by:

- Ministry of Environment (Cambodia)
- European Commission
- UNDP
- Sida (Sweden)
- Denmark

- **Project's Partners :**

- 1). CheaSim University of Kachaymear (Cambodia)
- 2). The University of Queensland (Australia)
- 3). Commonwealth Scientific and Industrial Research Organization(Australia)

Projects Location Map



2. Rehabilitation of Native Forest, Cambodia

- **Objective :**

- Aim to Rehabilitate Natural Forest used by the native tree species (9 Native Tree Species)
- Deliver those native those species to local intensive Plantations (Village, Commune, Pagoda...)

- **Funded Agency**

Sponsored by International Association for Restoration of Native forest Institute for Global Environmental Strategies, Japan

3. Sustainable Ecosystems for Coastal, Urban, and River Environments

- **Objective :**

- Observe the Sea Level raise
- Evaluated of elevation and Changing in Mud

- **Funded Agency**

Sponsored by USGS and International Crane Foundation
(ICF)

Sustainable Ecosystems for Coastal, Urban, and River Environments.



4. Agriculture in Cambodia: Roles of researchers and extension educators in context of climate change_ review strategy and implementation.

- **Objective :**

- Collect information on current state of knowledge of rural farming communities
- Assess existing implementation mechanism for facilitating communication and information flows between researchers and extension educator.

- **Funded Agency**

Sponsored by (GMSTEC) Greater Mekong Sub-region Tertiary Consortium Trust

5. Perception organic pollutant in Lower Mekong Basin

- **Objective :**

- Analysis Biodiversity in wetland, Cambodia
- Analysis POP
- Identify the effect of *Mimosapigra* on Agriculture

- **Funded Agency**

Sponsored by State Embassy in Thailand

6. Promoting Sustainable Agriculture at Kampong Cham Province in Cambodia

- **Objective :**

- Extension the awareness of Sustainable Agriculture to Local People (Prey Chhor District)
- Promoting Organic Vegetable Using Natural Fertilizer

- **Funded Agency**

Sponsored by Kyoto University

4. RUA's Vision for Future Climate Change

- Big concern on the Climate Change and it's effect, particularly on Agricultural Productions.
- Extension the awareness of climate variability to students and farmers.
- Increasing research and participation in other projects related to Climate Change.
- Conducting more research on new plants varieties adapts to the climate condition.

- Contributing with the government and others organizations to secure food production and Climate Adaptation campaign.
- Intensifying local and international cooperation working on Climate Change .



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Thanks you for your attention !