



THE SITUATION ON BREEDING PRODUCTION OF FRUITREE VARIETIES IN CAMBODIA

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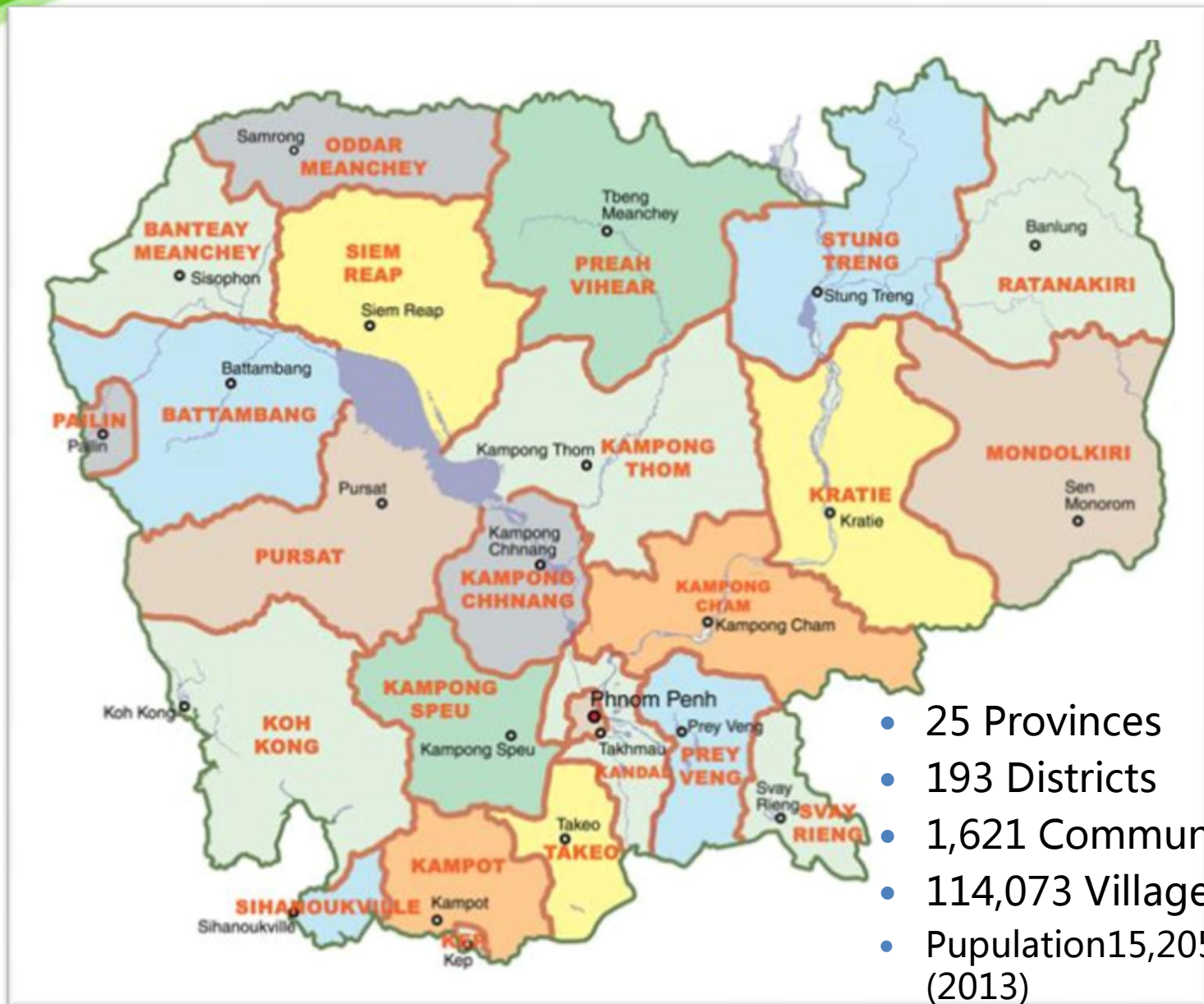


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Introduction





Situation of Fruit tree Production

Total Fruit Tree Production Area 190,269 ha

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|--------------|----------|-------------------|----------------|
| • Banana | 35071 ha | • Jackfruit | 5584 ha |
| • Cashew | 69102 ha | • Custard -apple | 3163 ha |
| • Oil Palm | 9780ha | • Orange | 3169 ha |
| • Longan | 2962ha | • Coffee | 231ha |
| • Mango | 23980 ha | • Rambutan | 1337 ha |
| • Fruit milk | 1276ha | • Guava | 1888 ha |
| • Sapodilla | 1886ha | • Pineapple | 825ha |
| • Durian | 2400ha | • Pepper | 861ha |



Rambutan Production Area

Total Production Area 1,337 ha

Province

1.Kampong cham	468 ha
2.Kampot	350 ha
3.Koh kong	335 ha
4.Preah Sihanouk	96 ha
5.Pailin	34 ha
6.Kratie	23 ha
7.Mondulkiri	12 ha



Situation of Rambutan Breeding

Most of rambutan seedling that Cambodian farmers grew were imported from Vietnam and Thailand.

In case growers want to increase production farm they are able to multiplied planting material by their own seedling through grafting techniques.



Start Fruit Production

No data record for start fruit production in Cambodia, this fruit tree wasn't common consumption crop for Cambodian, but according to my observations I found this fruit tree was grown in some villages of muslim people, they just grew few plants around home stead for subsidiary consumption crop but not for sale. This fruit tree are also not widely available in market place, However star fruit are still available in market place and most of product were imported from neighboring countries but not comment fruit like other fruit trees.



Crop Varieties Management

- ❖ Crop varieties management are under responsibilities of General Directorate of Agriculture, Ministry of Agriculture Forestry and Fisheries (Acticle ၆၉)၇
- ❖ Draft document/regulations of plant varieties management
- ❖ Plant varieties commercialization



Competition of Implementing System in PVP

1. Capacity Building

- Train and test DUS and PVP
- Technical meeting and workshops
- PVP forum
- Study tours
- Annual meeting of technical committee / administration / law



Competition of Implementing System in PVP

2. Draft system of PVP for implementation

- Administration of DIP-MIME
- Technical Management GDA-MAFF
- LAW



Competition of Implementing System in PVP

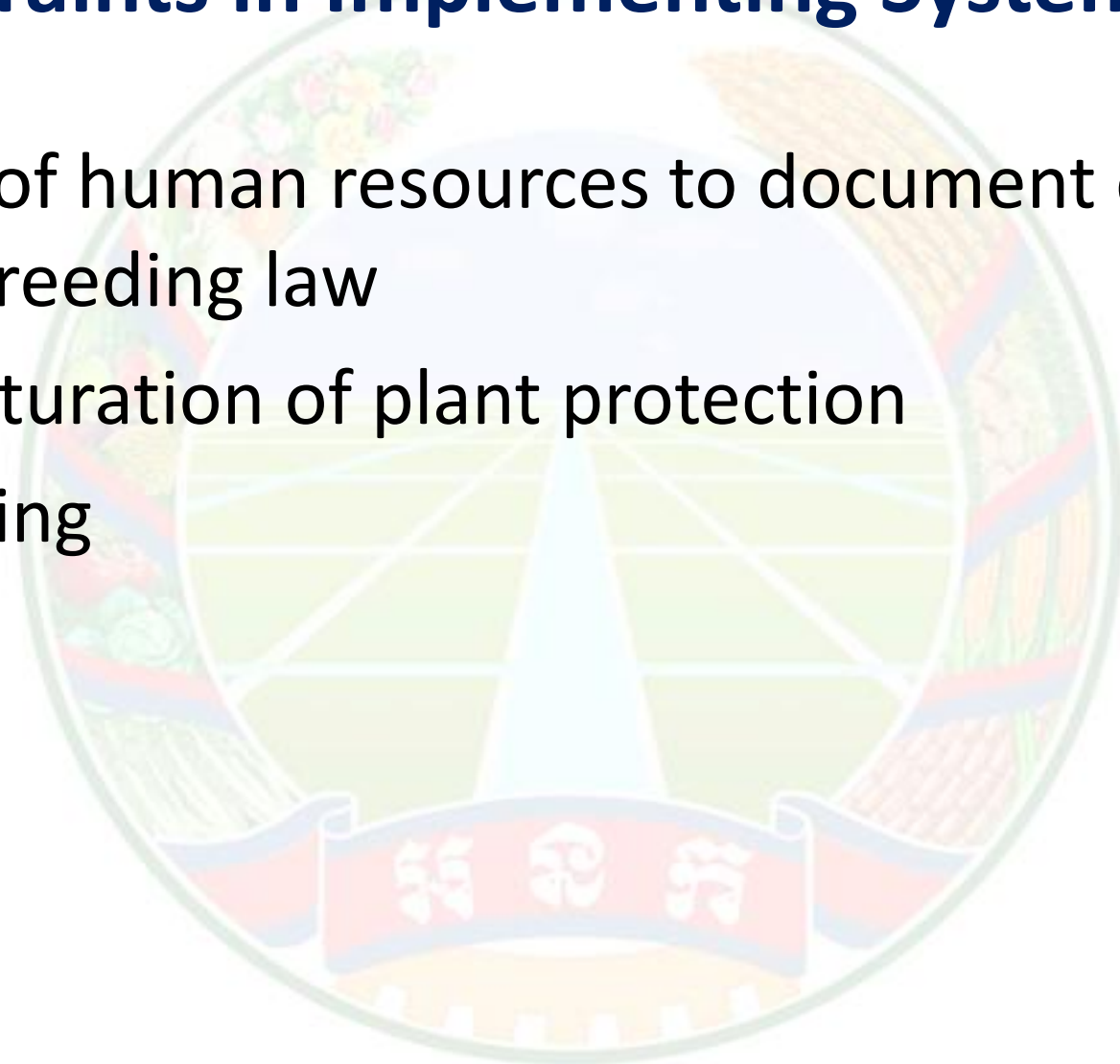
3. Encourage the knowledge of PVP

- Under PVP condition, public/private sectors will be invested time and budget to develop plant varieties.
- New plant varieties benefit to farmers and growers with higher yield, higher profit, plant tolerant to pest and diseases and low cost of production investment



Constraints in Implementing System in PVP

- ❖ Lack of human resources to document of UPOV and Breeding law
- ❖ Structuration of plant protection
- ❖ Funding





Planning

- ❖ Preparing the PBR Regulation
 - ✓ Drafting the regulation for implementing the law on PBR
 - ✓ Registration plant variety protection
- ❖ Strengthening the capacity building of PVP system to all stakeholders.
 - ✓ Dispatching experts to Cambodia for in country capacity building programs.
 - ✓ Training of human resources
 - ✓ Study visit on Best practices on Plant Breeder's Right
- ❖ Increasing cooperation and collaboration both in local and foreign institutions.



Conclusion

- Royal government of Cambodia are improving and implementing PVP to improve plant breeding activities to be UPOV member.
- Improve and cooperate with EAPVP and forum UPOV to share any information and experiences to develop right law system of plant breeders in Cambodia.
- Cambodia has laws and other regulations to support above systems
- DUS guidelines are initial for Cambodia and need to improve capacity on this task works for both human resources and materials.

A wide-angle photograph of the Angkor Wat temple complex in Cambodia. The central focus is the main temple structure with its three prominent towers. A long, paved stone walkway leads from the foreground towards the temple, flanked by low stone walls and palm trees. Several people are walking along the path. In the background, a clear blue sky is visible. On the left side, there is a construction crane and some scaffolding, indicating ongoing restoration work. The text "Thank You" is overlaid in a large, bold, yellow font across the center of the image.

Thank You