

#### ទំនាក់ទំនង: មហាវិទ្យាល័យ កសិខ្នស្សាហកម្ម

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#### The 3rd ASEAN-India Grassroots Innovation Forum 2022

### Journey of Innovation of Agro-Processing in RUA







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## Content

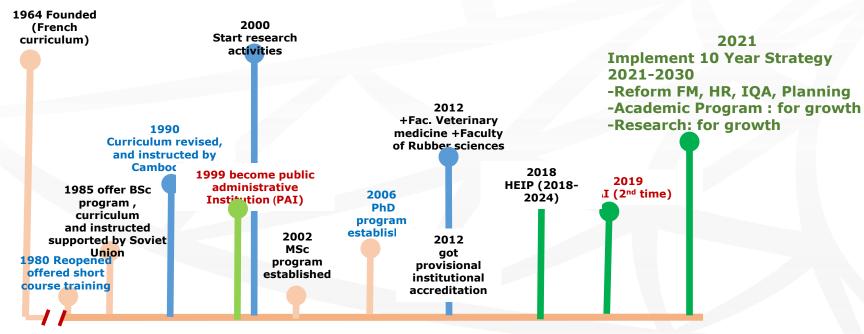
- ➤ Brief about Royal University of Agriculture
- Product Development: A case study of rice liquor
- Extension and training services







#### **RUA Timeline**



1975-1979 1985-1990 Closed,Soviet Union Support Khmer Rouge regime



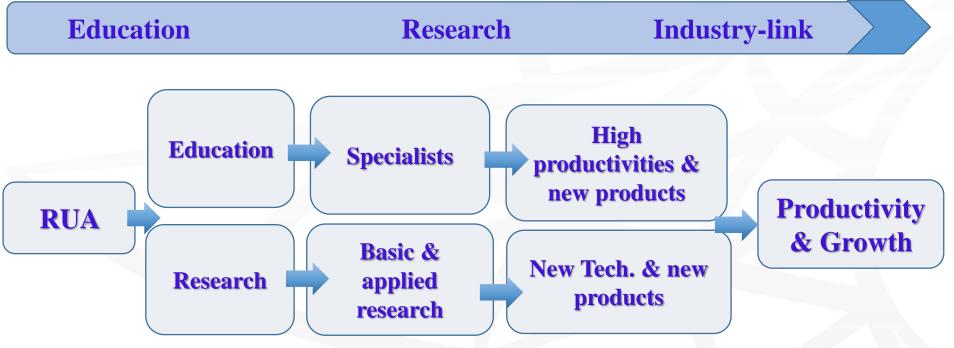
#### **RUA Strategy**

- 1st 10 Year Strategy (2001-2010)
- 2<sup>nd</sup> 5 Year Strategy (2011-2015) & 5 Year Strategy (2016-2020)
- > 3<sup>rd</sup> 10 Year Strategy (2021-2030)
  - Envisioning, Enabling, Empower and Energizer
  - Mission: 1) Produce high quality graduate in agriculture (student graduate from standard program), 2) Produce basic and applied research output link with market and growth





## Role of Royal University of Agriculture



Animal & poultry, Fish and fish product, crop production, Food Science, Natural resources and Rural development

**Agriculture R&D Framework** 



## Make graduate to be

## Making Graduate to Be

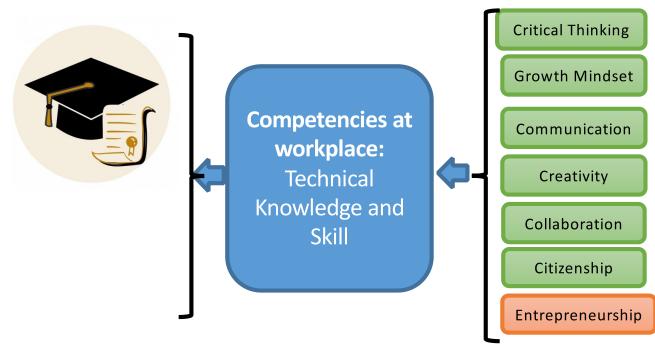
How?

**Quality:** graduate have abilities to do expected tasks of the profession at the workplace

Relevance: graduate gain adaptability skills that could response to current market and yet to create market

**Better Jobs**: productivity, career growth, and happy life

**Better Wage**: equal to GNI per capita of the high middle income country



Project Based Learning Approach



## Product Development: A case study rice liquor

#### **Purpose**

To Promote Agro-processing in Cooperation with Royal University of Agriculture, Cambodia (RUA)

#### **Activities**

### **Quality Improvement of Processed Products**

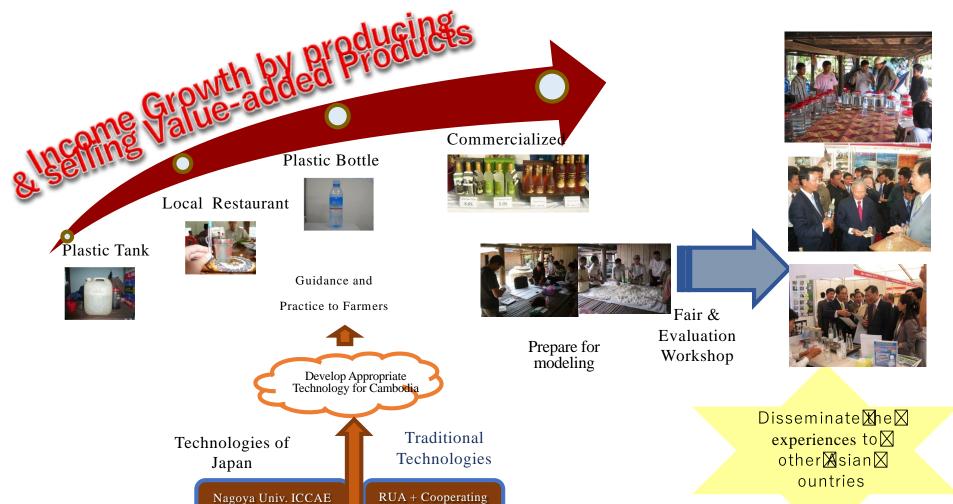




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## Quality Improvement of Processed Products

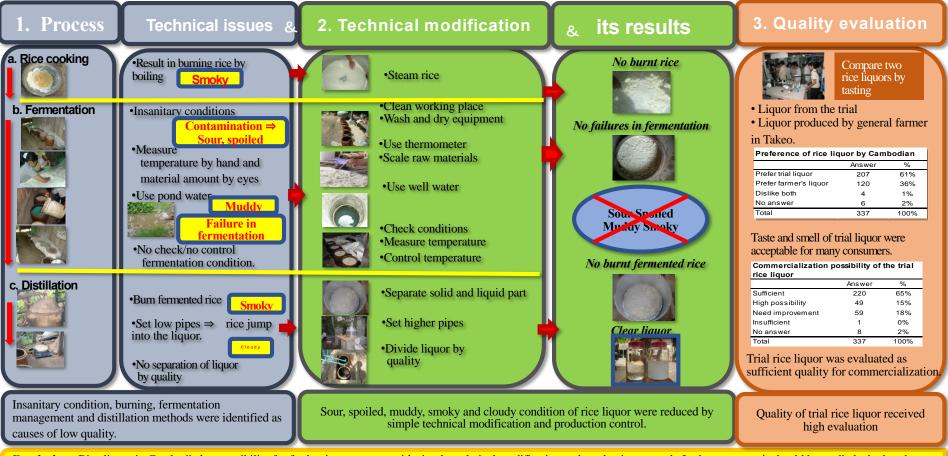


Farmers

+Technical Expert



# Potential of Quality Improvement in Agroprocessing in Cambodia



**Conclusion:** Rice liquor in Cambodia has possibility for further improvement with simple technical modification and production control. In the next step, it should be studied whether those techniques are adaptable for rice liquor producers.



## Extension and training services

- a. Product development
- b. Self-life assessment
- c. Packaging technology
- d. Food Processing technology: Beverage, bakery, meat, cereal, Fruit and vegetable, seafood, brewing, alcoholic beverage
- e. Functional foods and ingredient
- f. Food Safety
- g. Preventive controls for human food
- h. GMP & HACCP
- i. Basic knowledge for food entrepreneurs



