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Japan-ASEAN Cooperation



Japanese Factory Visit Tour for Development of Food- Value-Chain in ASEAN 2016

September 4-10

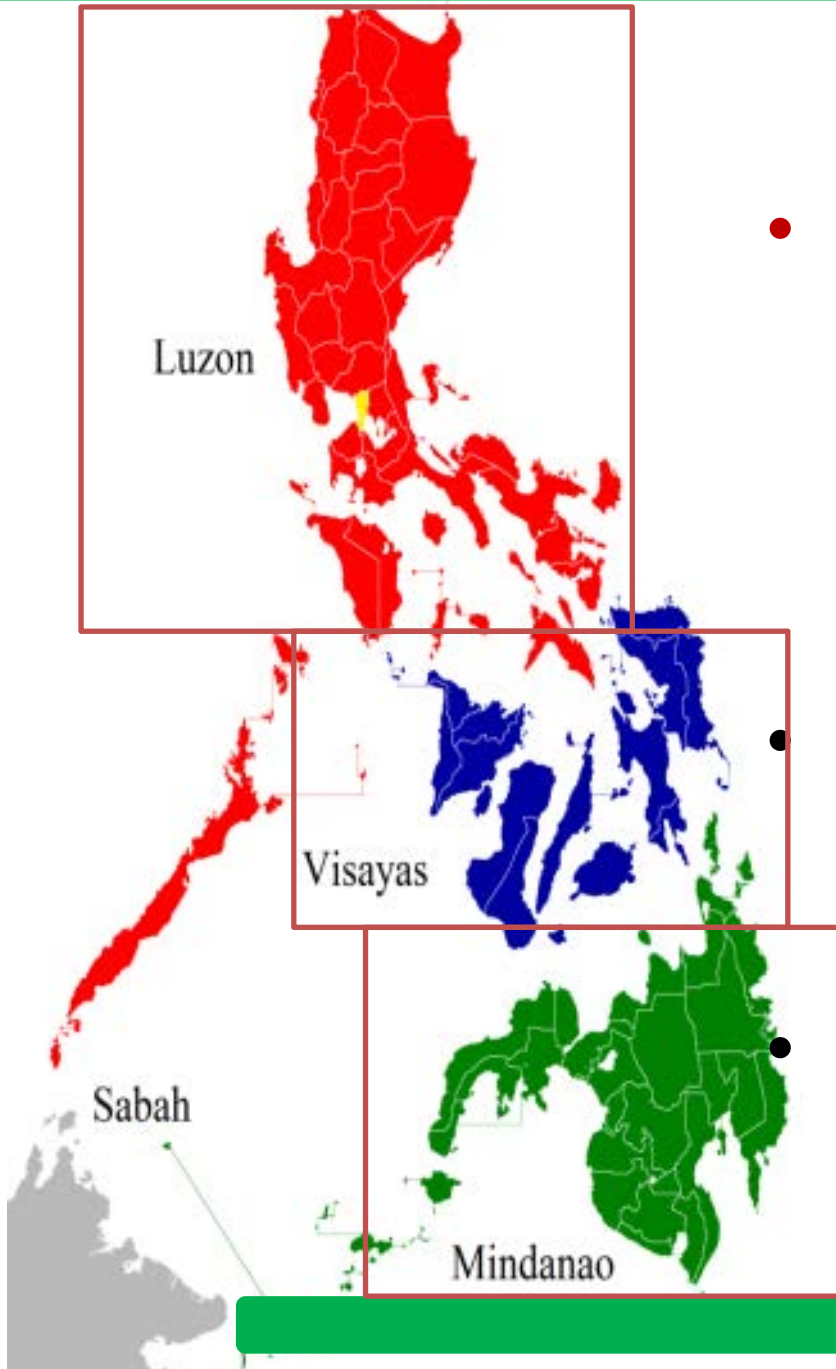
“Food Loss in the Food Value Chain in the
Philippines”



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Outline

- Overview of the Philippines
- Current challenges of the Philippine Food Value Chain
- Integration of things learned from the different manufacturing companies
- Action Plans
- Acknowledgment



- **Philippines** is the third most populous country in Southeast Asia with 100 million Filipinos
- The country has a land area of about 300,000 km²
- Culturally diverse country



Rice terraces



Mt. Pinatubo



Palawan

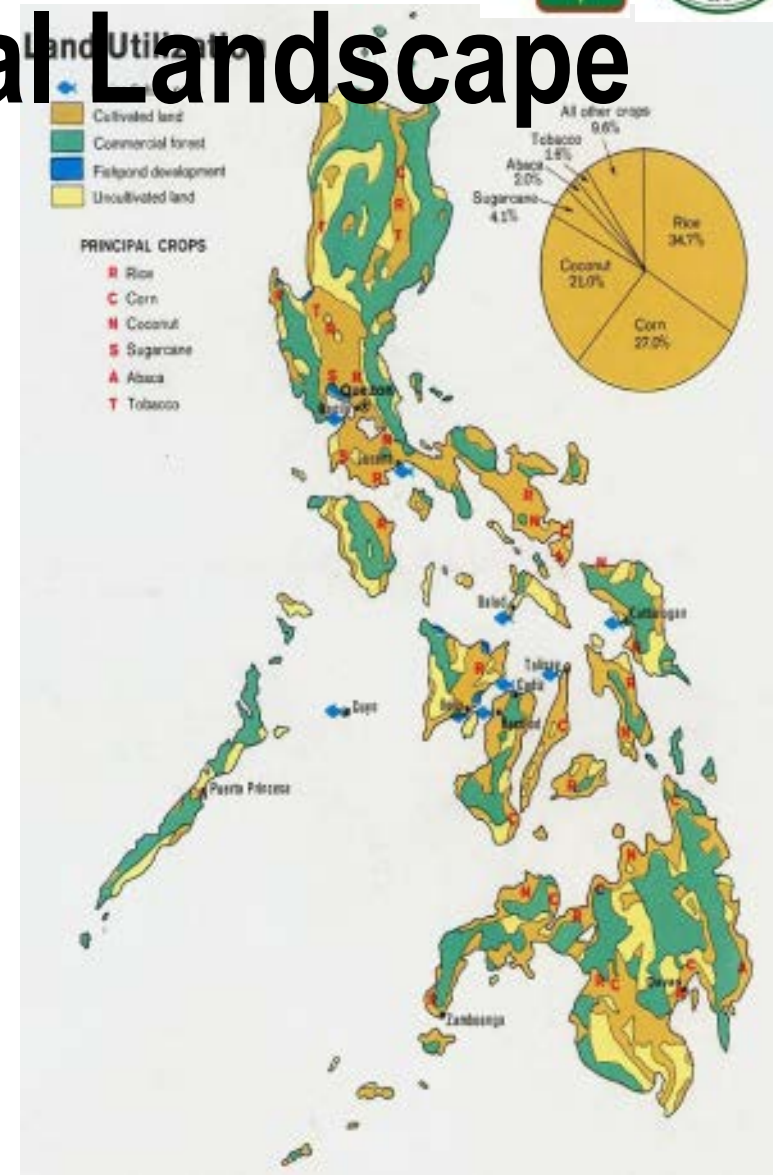


Chocolate Hills

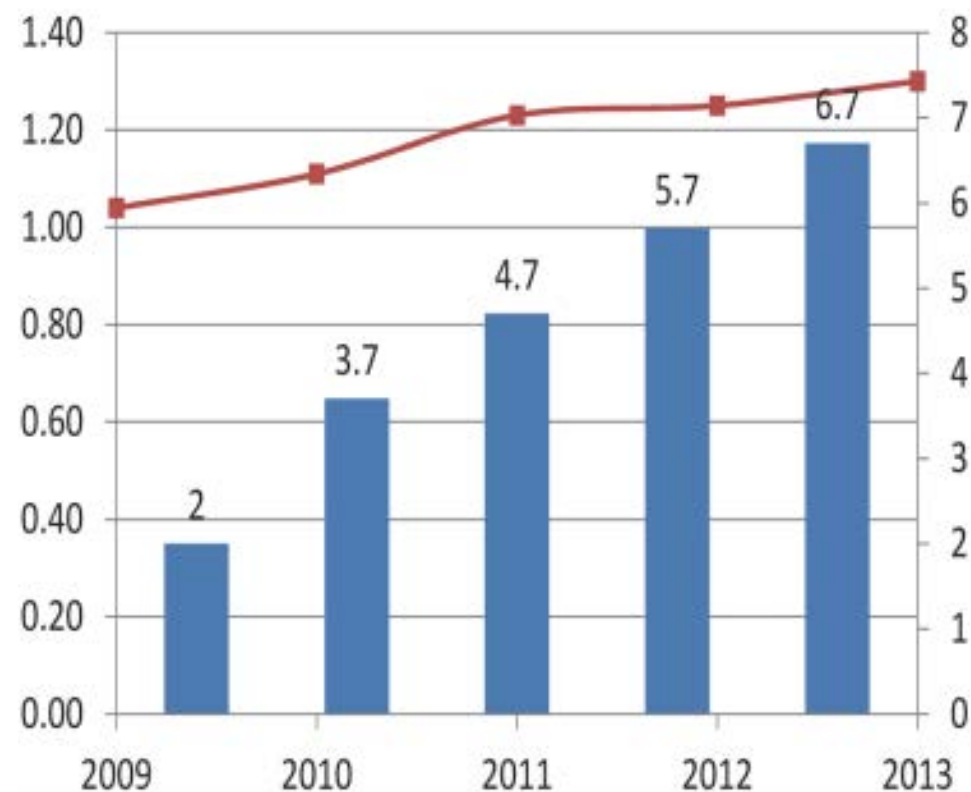
- Rich in biodiversity

Philippine Agricultural Landscape

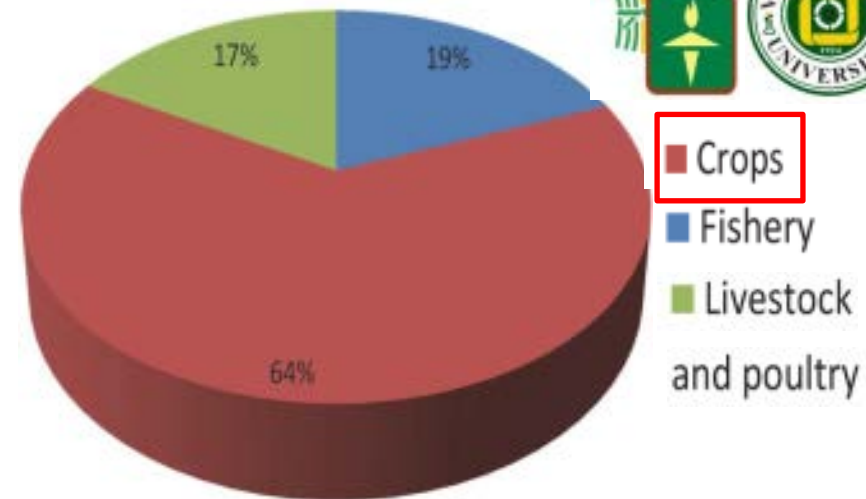
- 40% of the land area devoted to agriculture
- Agricultural products are highly perishable



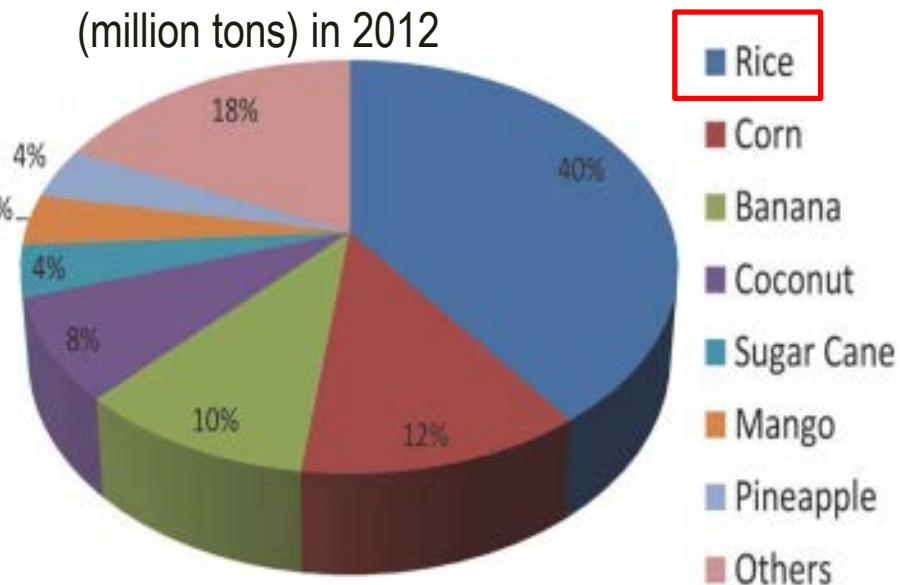
■ GDP (%) ■ GVA (MT)



Gross value added of the agricultural sector of the gross domestic product.



Production volumes of agricultural commodity (million tons) in 2012

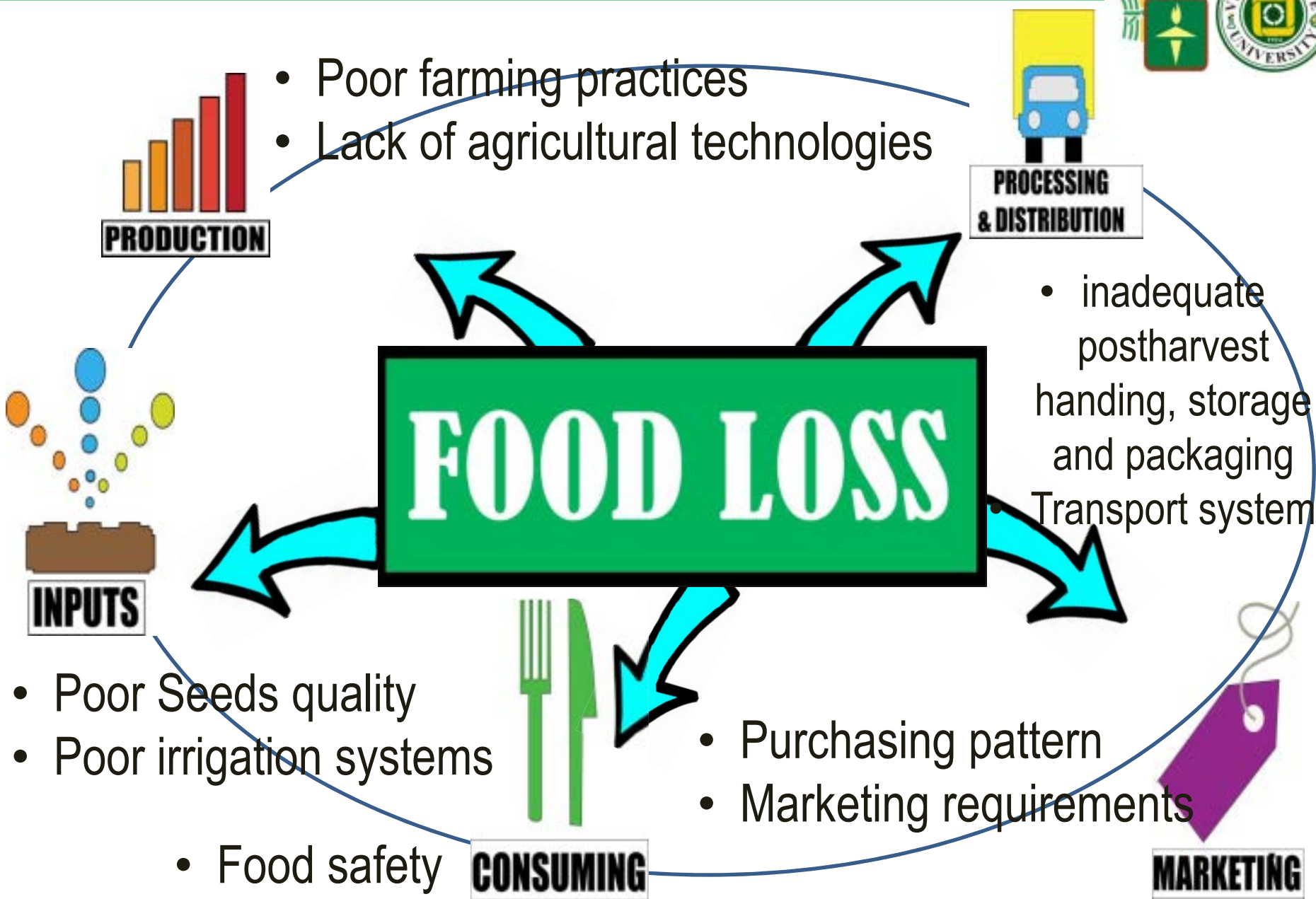


Major of agricultural produce of the Philippines



FOOD LOSS

- 1.3 billions of food is lost each year
- each Filipino wasted an average of 3.29 kg/year of rice alone (FNRI-DOST).
- The loss amounted to 7.3 billion pesos in terms of rice alone.

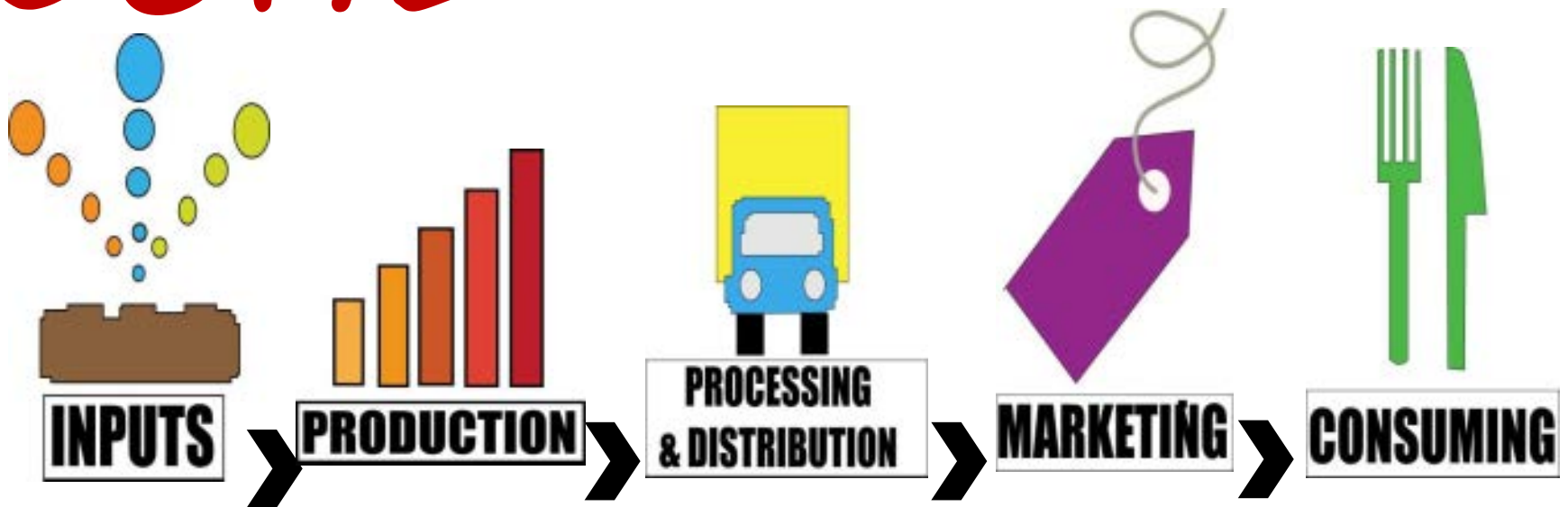


A 3D white figure is pushing a large green arrow that points to the right. The word "CHALLENGES" is written in white capital letters on the side of the arrow.

CHALLENGES

- Climate Change
- Limited Manpower
- Financial Constraints
- Limited impact of extension services
- Unorganized marketing and distribution system for small scale farmers
- Dependence on importation

GOAL



Maintaining and improving the quality of agricultural produce throughout the food value chain while preserving the environment to achieve sustainability.





Learnings and Action Plans



Yamata Shoyu

FUJI OIL CO., LTD.

ÆON MALL



PASONA

KYOTO

TOKYO

OSAKA


Eat Well, Live Well.
AJINOMOTO.




KOKUBU



Learnings

- Intensive investment for R&D
 - Consumer-oriented
 - Strict implementation of proper sanitation and hygiene
 - Good collaboration with other countries
 - Healthy working environment
 - Almost ZERO WASTE
- 

ACTION PLANS

- Reduce sampling plan percentage to minimize food waste during analysis
 - Strict process parameter monitoring to ensure quality product
 - To intensify research and development program - utilization of waste to any possible products.
- 



TAKII SEED



Learnings

- Good quality seeds
- Investment on equipment for product monitoring
- Good collaboration with seed growers
- Social Responsibility





TAKII SEED



ACTION PLANS

- Connections with farmers and growers through agricultural trainings and seminars
- Proper distribution of seeds to small-scale farmers



Manny Piñol



PASONA

Learnings

- Healthy environment to invigorate workers





P A S O N A



Action Plans

- Impart the idea thru ATI and VSU
- Use the voice of social media for awareness



Learnings

- Good customer service relationship
- Marketing activities
- Local farmers relationship
- Promote agricultural activities while preserving the resources

ACTION PLANS

- Sustainable society
- Protection of biodiversity
- Effective use of materials



YAMATA SHOYU

Learnings

- Quality over quantity
- Preservation of the traditional processing method
- Utilization of by-products as animal feeds



YAMATA SHOYU

ACTION PLANS

- Conduct possible research studies for any by-product





Learnings

- Good hazard control and monitoring
- Use of automated machines for fast production
- Critical control point monitoring



ACTION PLANS

- Automation of process for efficient production and waste reduction
- Improve the method of controlling hazards

OTA MARKET

Learnings

- Marketing strategy (“To sell everything than throw it ”)
- Good relationship with farmers



OTA MARKET

Action Plans

- Encourage farmers to engage agriculture-related entrepreneurial activities
- Proper nature of package



AJINOMOTO®

Learnings

- Exploitation of raw materials
- Utilization of by-products



AJINOMOTO®

Action Plans

- Make by-products into co-products



Learnings

- Proper storage facilities for different commodities
- Wise utilization of space



ACTION PLANS

- Information dissemination

Immediate Action Plan

- Conduct a seminar at the Agricultural Training Institute-Regional Training Center (ATI-RTC), Philippines based on the things learned from the tour
- Participants will include farmers, students and representatives from agencies associated with the Philippine Food Value Chain

Maraming

Salamat!

Thank you

ありがとうございます

arigatou gozaimas(u)

Acknowledgements



Japan-ASEAN Cooperation



MAFF

Ministry of Agriculture,
Forestry and Fisheries

農林水産省



Rajah Tours

New friends from



