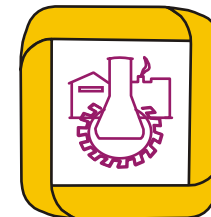


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Japanese Factory Visit Tour for Development of Food-Value-Chain in ASEAN 2017

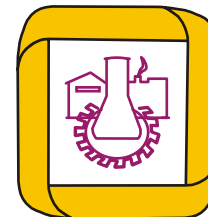
September 3-12



“Zero Waste Processing: *A Call for Action to Address Food Security and Sustainability*”



Ma. Aezel Aguanza, Karl Marlou Bantaculo, Jason Braga, Genesis Jared Cutamora, Ivy Emnace, and Vilma Patindol



Outline

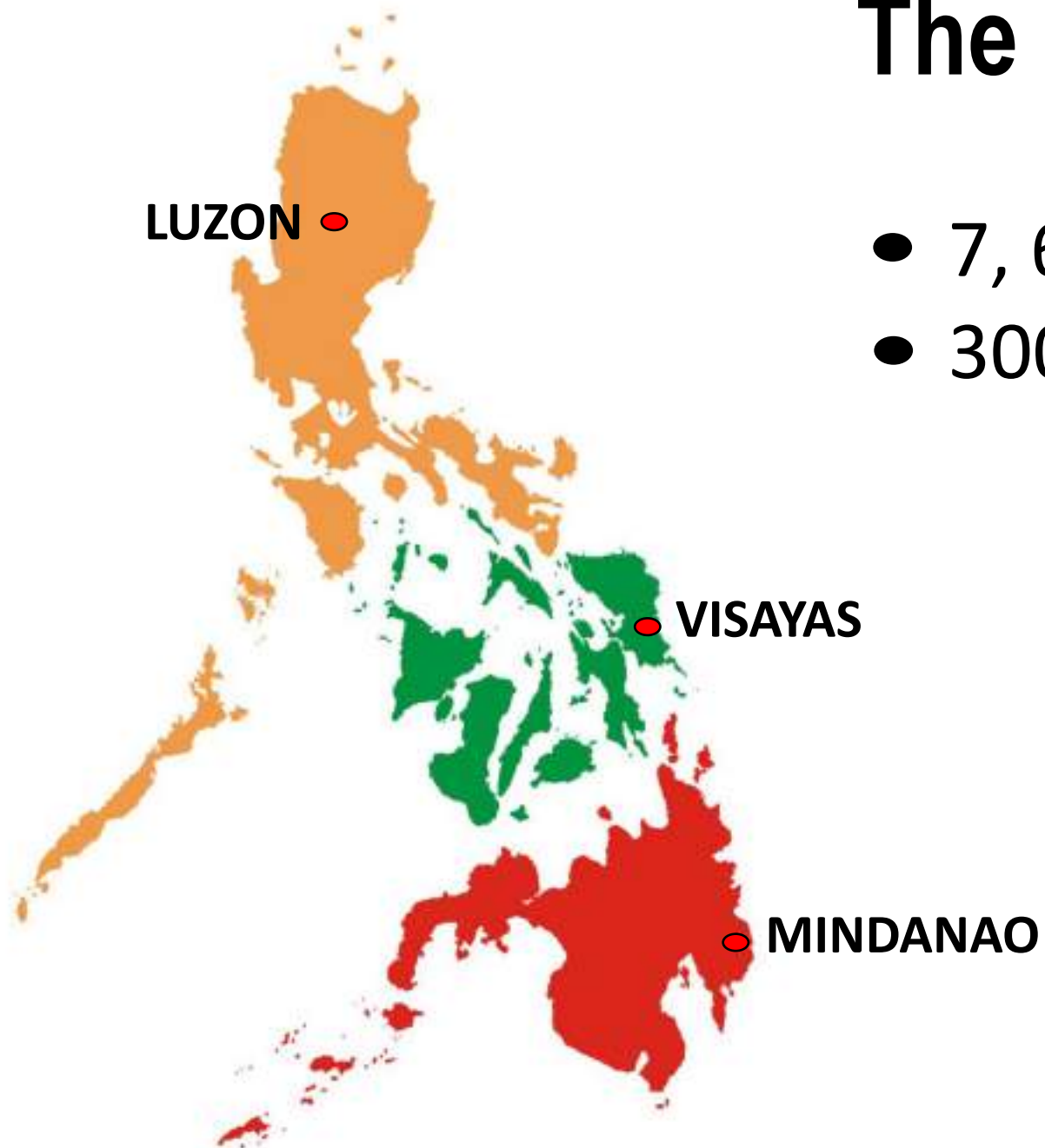
- Philippine Overview
- Philippine Food Value Chain
- Insights from Japan Industry Tours
- Action Plans
- Acknowledgment



Japan-ASEAN Cooperation



The Philippines



- 7, 641 islands
- 300, 000 sq. km land area

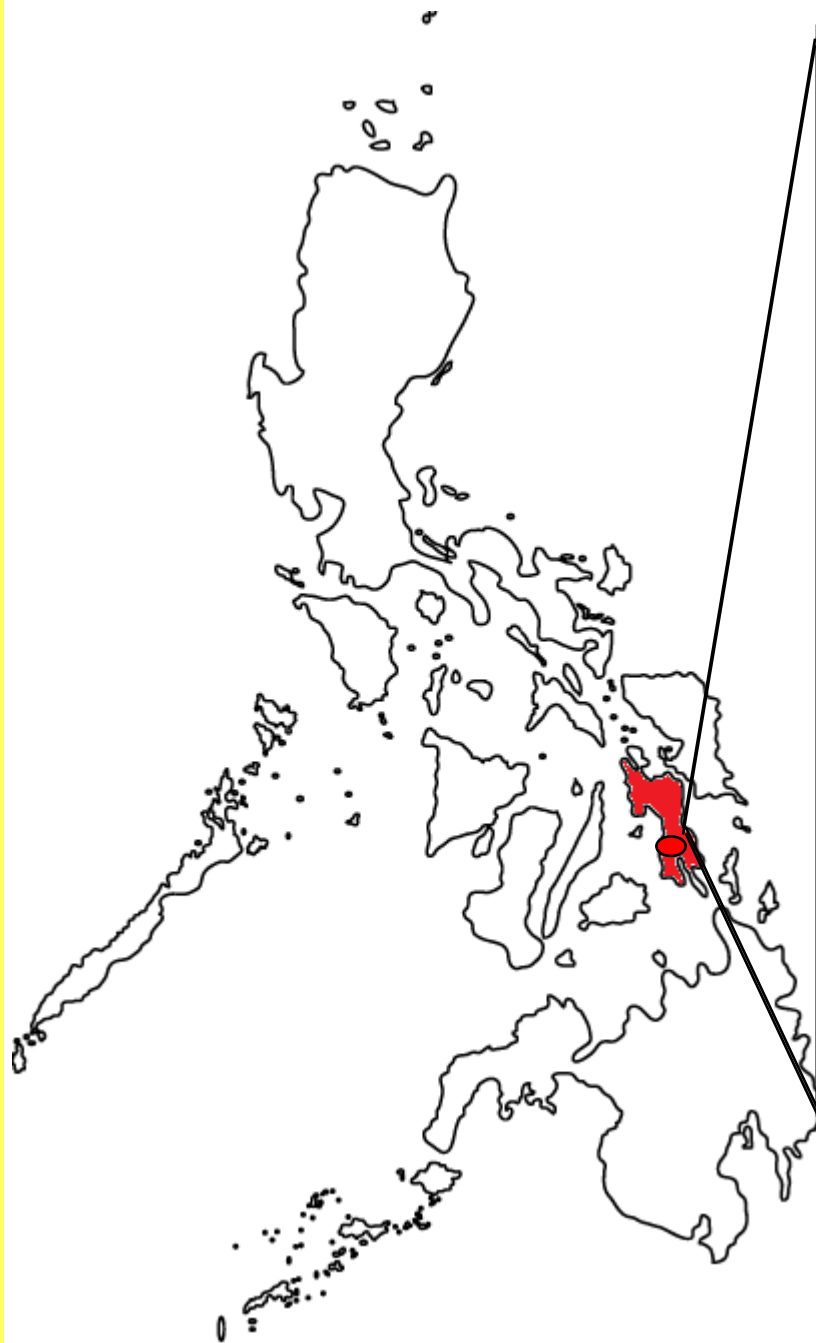


Image source: <http://www.maphill.com/philippines/region-8/leyte/3d-maps/physical-map/shaded-relief-outside/>

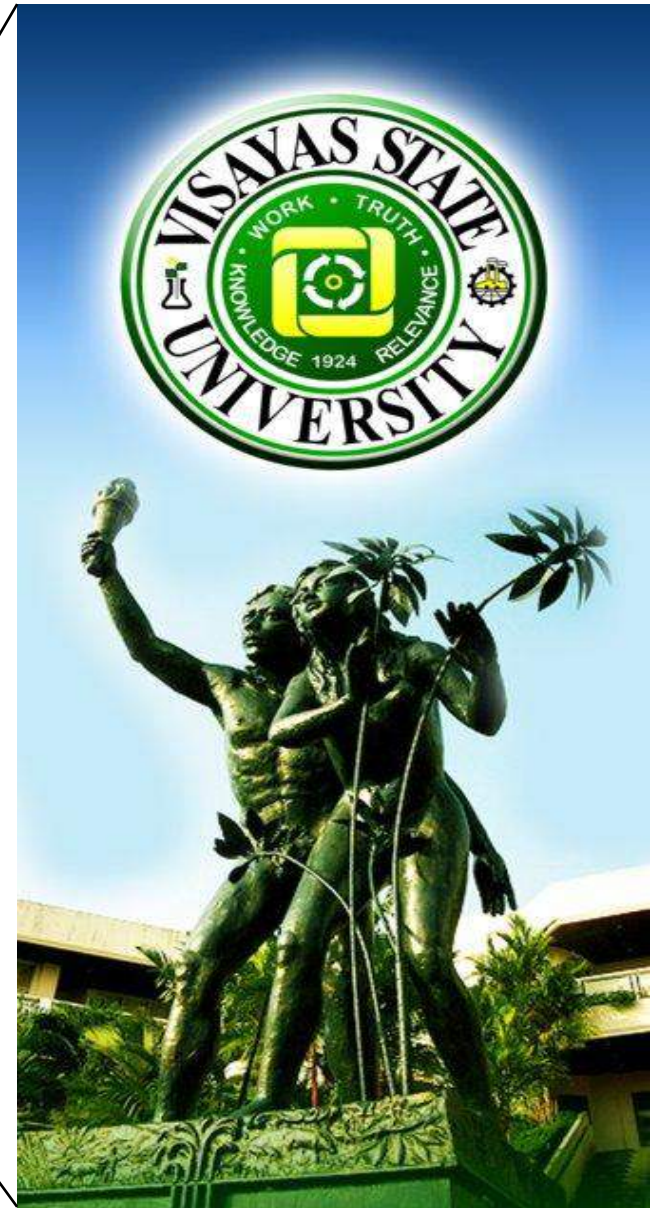


Image source: <http://taqplayer.info/philippines-map-outline-vector>



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Philippines' Top Exported Products



Coconut oil



Tuna



Banana



Pineapple

Potential Products for Export



<https://www.tes.com>

Cacao



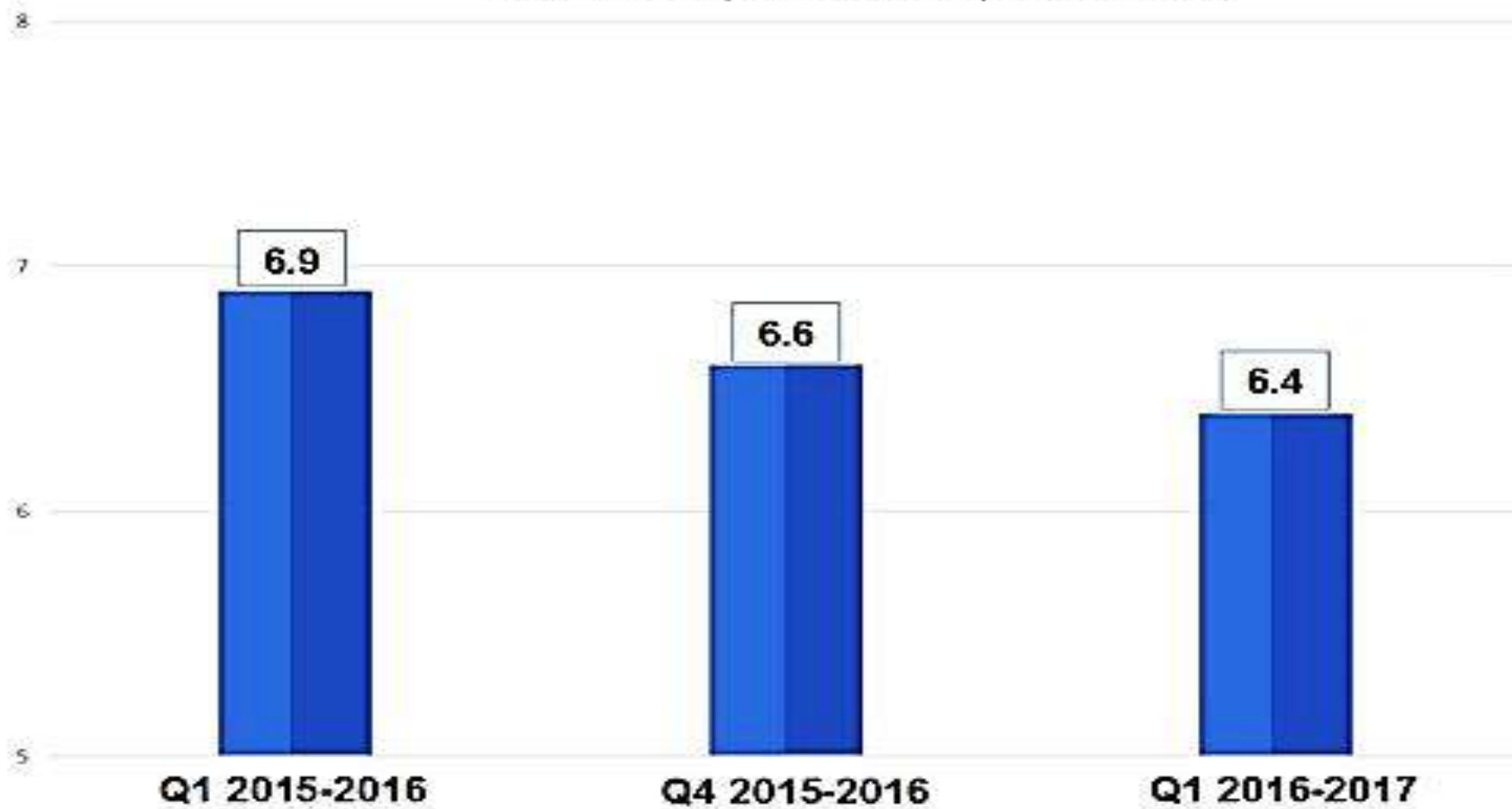
<https://javesca.com>

Coffee



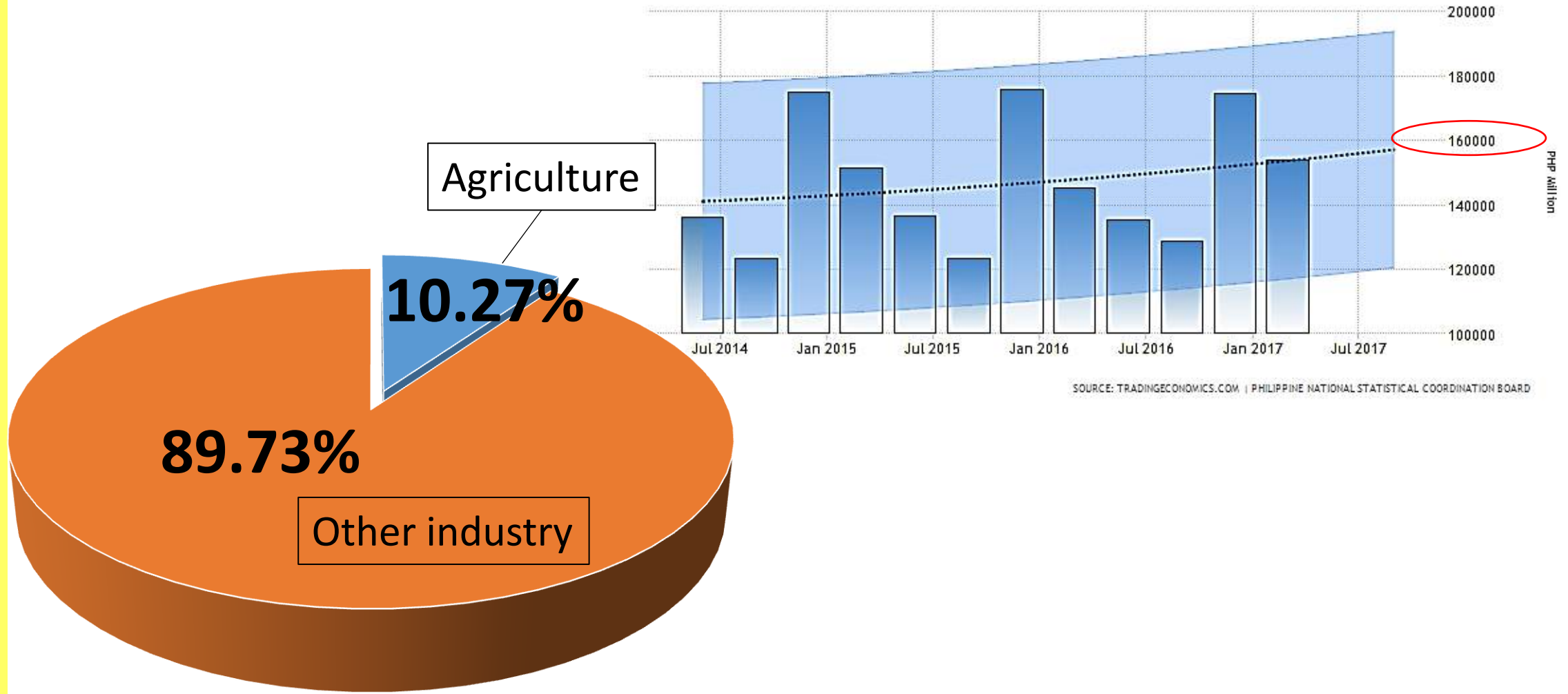
Jackfruit

GROSS DOMESTIC PRODUCT
Growth Rates
Q1 2015-2016, Q4 2015-2016, Q1 2016-2017



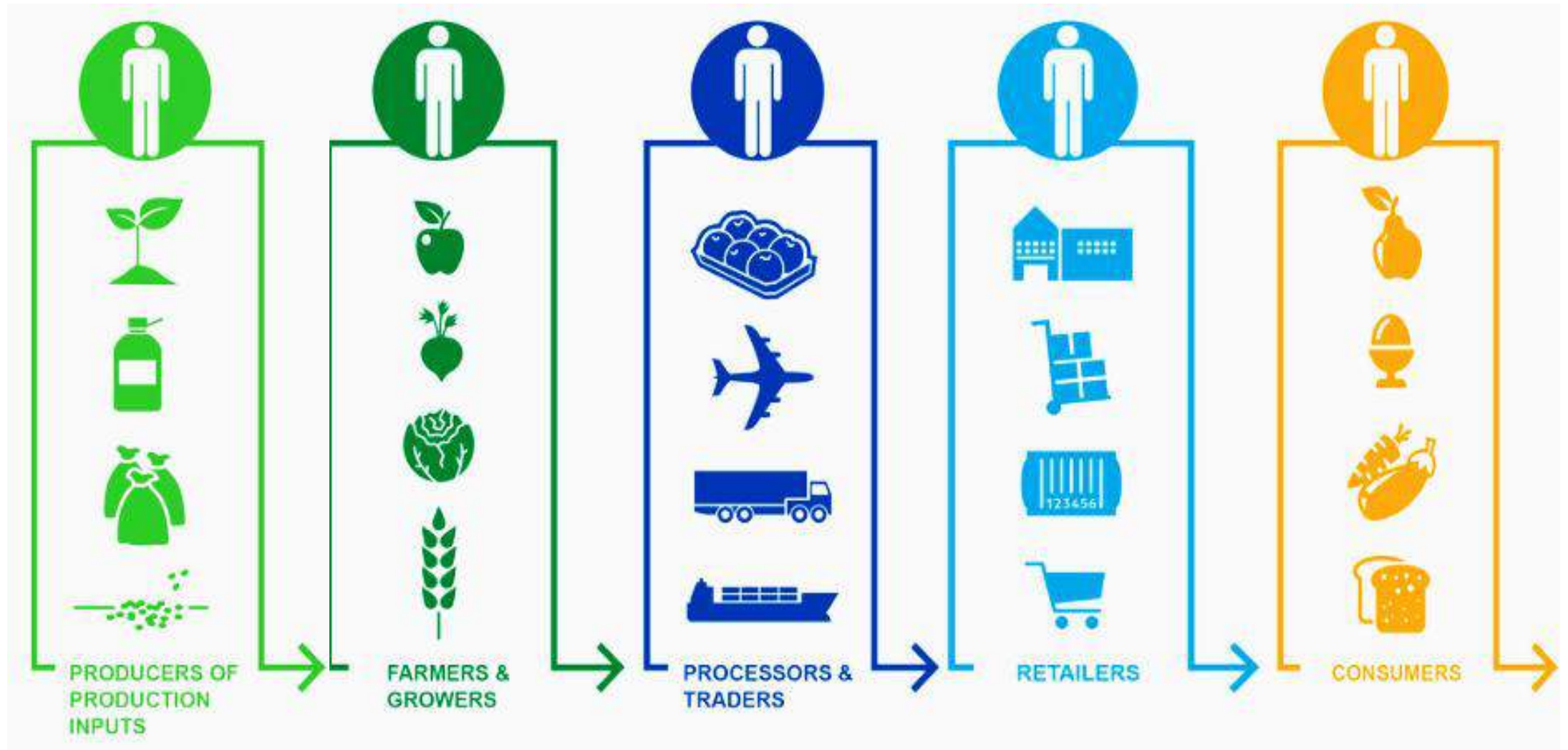
Source: Philippine Statistics Authority

Agriculture contribution to total GDP (2015)



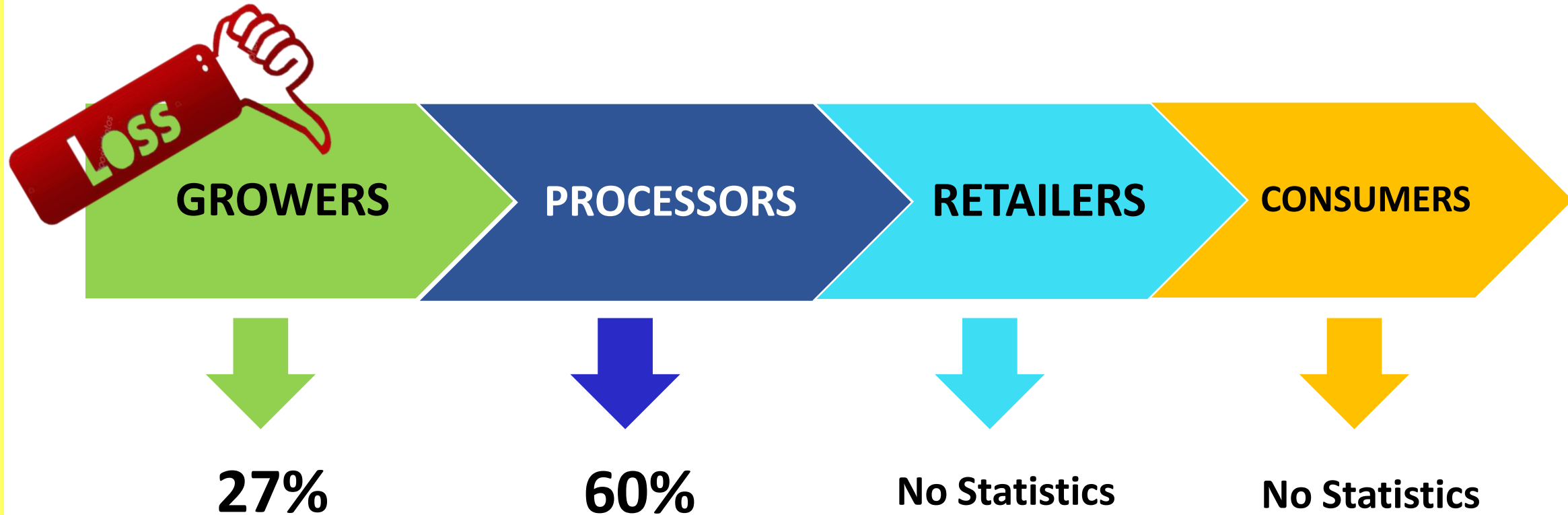
Percent Source: The World Bank

Food Value Chain



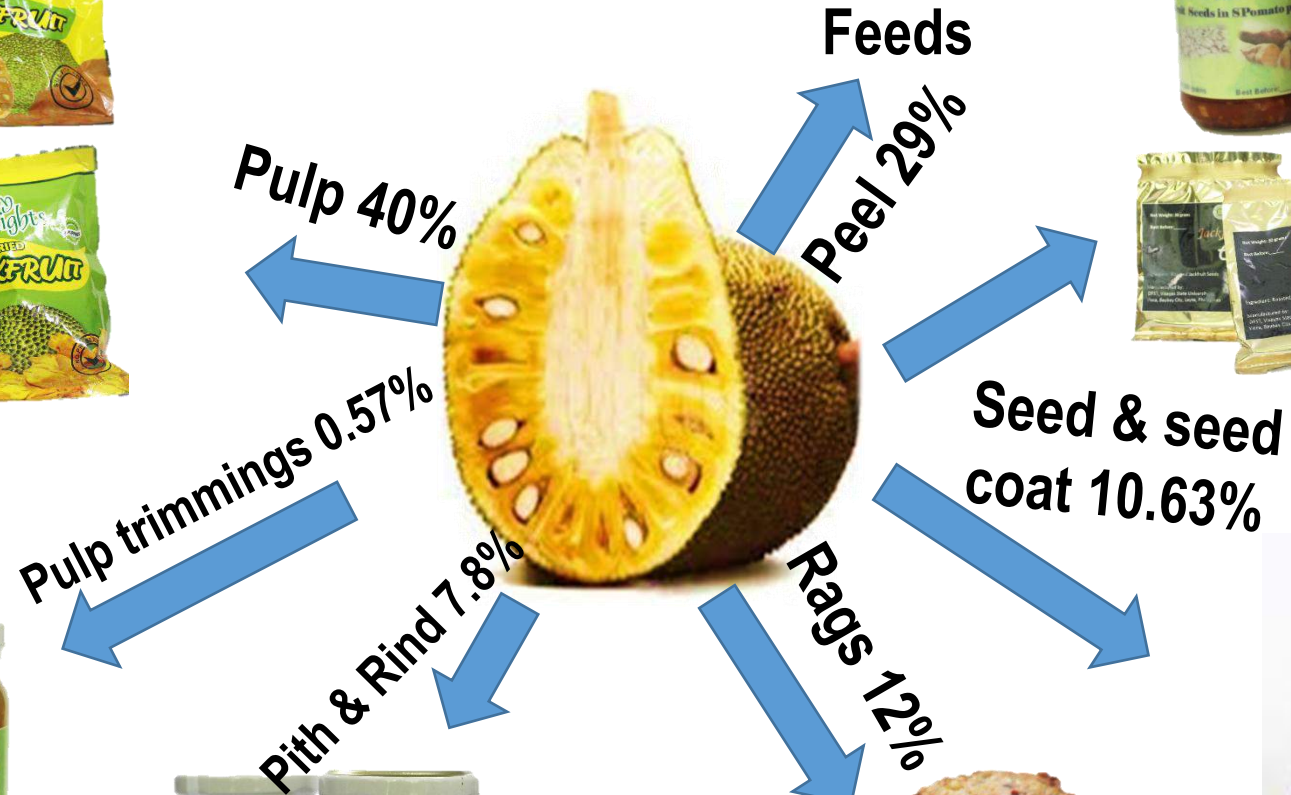
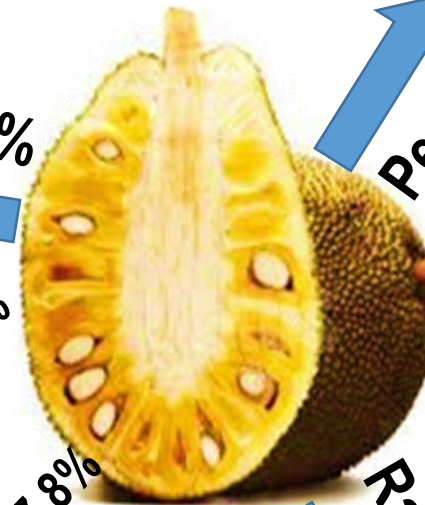


Jackfruit Food Value Chain



Zero Waste

Jackfruit Processing



CHALLENGES

AGE



MENTALITY

POOR ROAD



POST HARVEST
HANDLING



CONSUMER'S
ATTITUDE



<http://canstockphoto.com>

CLIMATE CHANGE



GOAL



Achieve strong food quality and food security throughout the food value chain without compromising productivity while keeping nature and technology in harmony

LEARNINGS



**Nakakou
Co., Ltd.**

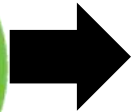
FUJIOIL CO., LTD.



OTA MARKET

LEARNINGS

INPUT



TAKII SEED

- Focuses on the development of quality and healthy seeds to the farmers.



LEARNINGS

PRODUCTION



Nakakou Co., Ltd.

- Co-existence of Agriculture and Industrialization
- Quality over Quantity

LEARNINGS



**Takeoka
Soy
Sauce**

- Good Supply Chain Management that enables to promote “challenge and Innovation” while conserving Social Responsibility and Response to Climate Change

- Compliance to Quality Standards
- Use of high-end machineries
- Hires Person with Disabilities

- Preservation of traditional fermentation process
- Quality over Quantity

LEARNINGS



➔ OTA MARKET

- Strategy: sell everything than throw it
- Good relationship with farmers
- Strong compliance to Hygiene and sanitation laws



MARKETING



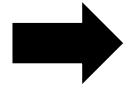
HANEDA CHRONOGATE (YAMATO)

- New way of time and space utilization
- Value-Adding Functions
- Value-networking Design



LEARNINGS

MARKETING



AEON MALL

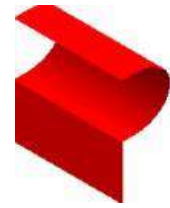
- Retail industry is a peace industry
- Promote agricultural activities while preserving the resources
- Thinks globally and advance activities locally



http://aeondelight-vietnam.com.vn/case/02_aeonmall.htm

<https://www.salesforce.com/blog/2014/04/what-is-good-customer-service.html>

LEARNINGS



P A S O N A

SIXTH SECTOR
INDUSTRIALIZATION

HUMAN RESOURCE
DEVELOPMENT

Tango Kingdom

Job creation

Oishi Agri Factory

Local revitalization

LEARNINGS



名古屋大学
NAGOYA UNIVERSITY

- Knowledge on Agricultural Issues
- Food Security and Food Safety
- Advancements on scientific research





ACTION PLAN

- Raise awareness on FVC
- Project proposal on sixth industrialization in collaboration with the Department of Agriculture, Agricultural Training Institute and Department of Food Science and Technology, VSU.
- Enhancement on the adaptation of sixth sector industrialization models
- Encourage farmers to engage agriculture-related entrepreneurial activities



T- Technology Innovation

H- Health

A- Awareness

N- Nurture and Preserve Nature

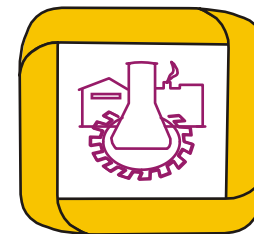
K- Knowledge

Y- Youth

O- Objective

U- Unity

ACKNOWLEDGMENT



Rajah Tours

New friends from

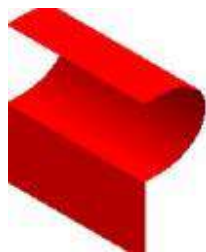


ACKNOWLEDGMENT



OTA MARKET

YAMATA SHUYO



OISHII AGRI FACTORY