

# GROWING FOOD SECURE COMMUNITIES



Liveable Cities Lab

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**Speaker: Ma. Elena van Tooren**

**Date:** October 9, 2024





# East-West Seed

*Better Seeds for Better Yield*



*Food security and proper nutrition  
for every Filipino*



**East-West Seed Foundation,  
Inc.- Philippines**

@eastwestseedfoundationph · Community Service



Hi! Please let us know how we can help.



**Founded  
July 4, 2012**



**years  
of**

**GROWING A  
*Healthier*  
TOMORROW**



## Accreditation



**PCNC**  
PHILIPPINE COUNCIL FOR NGO CERTIFICATION

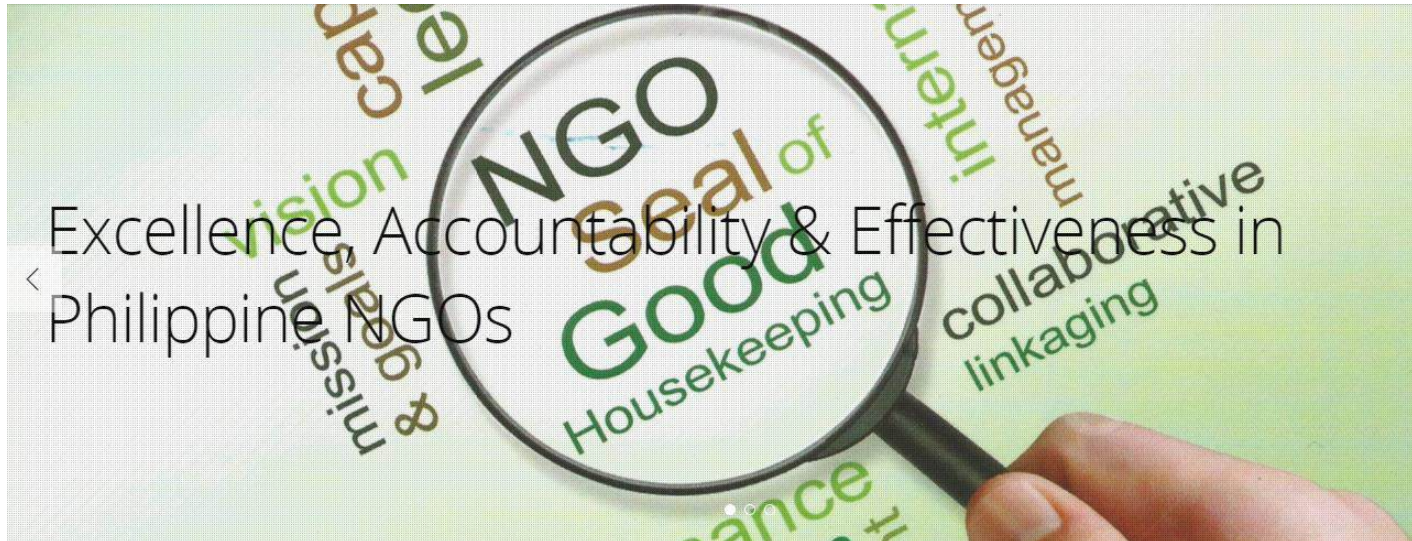


Philippine Council for  
Agriculture and Fisheries  
(DA-PCAF)

## Membership



ASSOCIATION OF  
FOUNDATIONS  
**FOUNDATIONS**  
BUILT ON STRENGTH



Excellence, Accountability & Effectiveness in  
Philippine NGOs



# VeggiEskwela (OMG! TSK) Through the Years



as of  
2023



East-West Seed Foundation  
**27,817** Students Trained



\*Cumulative as of 2023



East-West Seed Foundation  
**4,703** Teachers Trained



\*Cumulative as of 2023



East-West Seed Foundation  
**258** Partner Barangays



\*Cumulative as of 2023



East-West Seed Foundation  
**2,882** Partner Schools



\*Cumulative as of 2023




# The Philippines

FOOD SECURITY MONITORING

OCTOBER 2022

Remote Household Food Security Survey Brief

 PHILIPPINES FOOD SECURITY MONITORING: OCTOBER 2022

## The Philippines IN NUMBERS

1 out of 10 households are currently food insecure



**11%**

OF PEOPLE ARE FOOD INSECURE (rCARI)<sup>1</sup>

Most households are relying on coping strategies to buy food



**74%**

RESORTING TO COPING STRATEGIES

\*Livelihood-based coping strategies



57% are borrowing money for food



46% are purchasing food on credit



38% are spending their savings

Food security varies across different sectors and regions of the country



**24%**

of agricultural households are food insecure, compared with 9 percent of non-agricultural households.



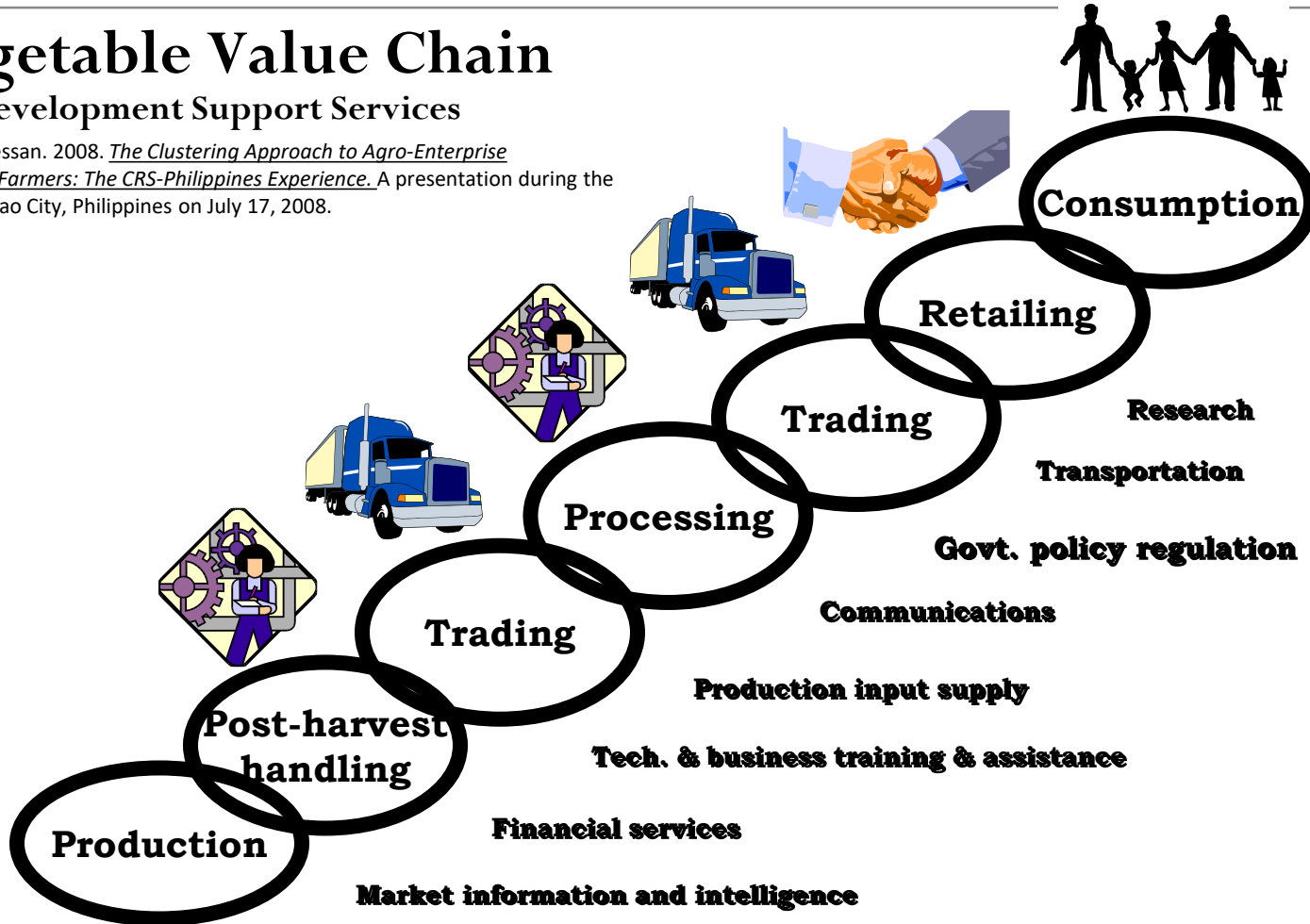
**34%**

of households in BARMM are food insecure, compared with 10 percent of households in other regions.

# The Vegetable Value Chain

## & Business Development Support Services

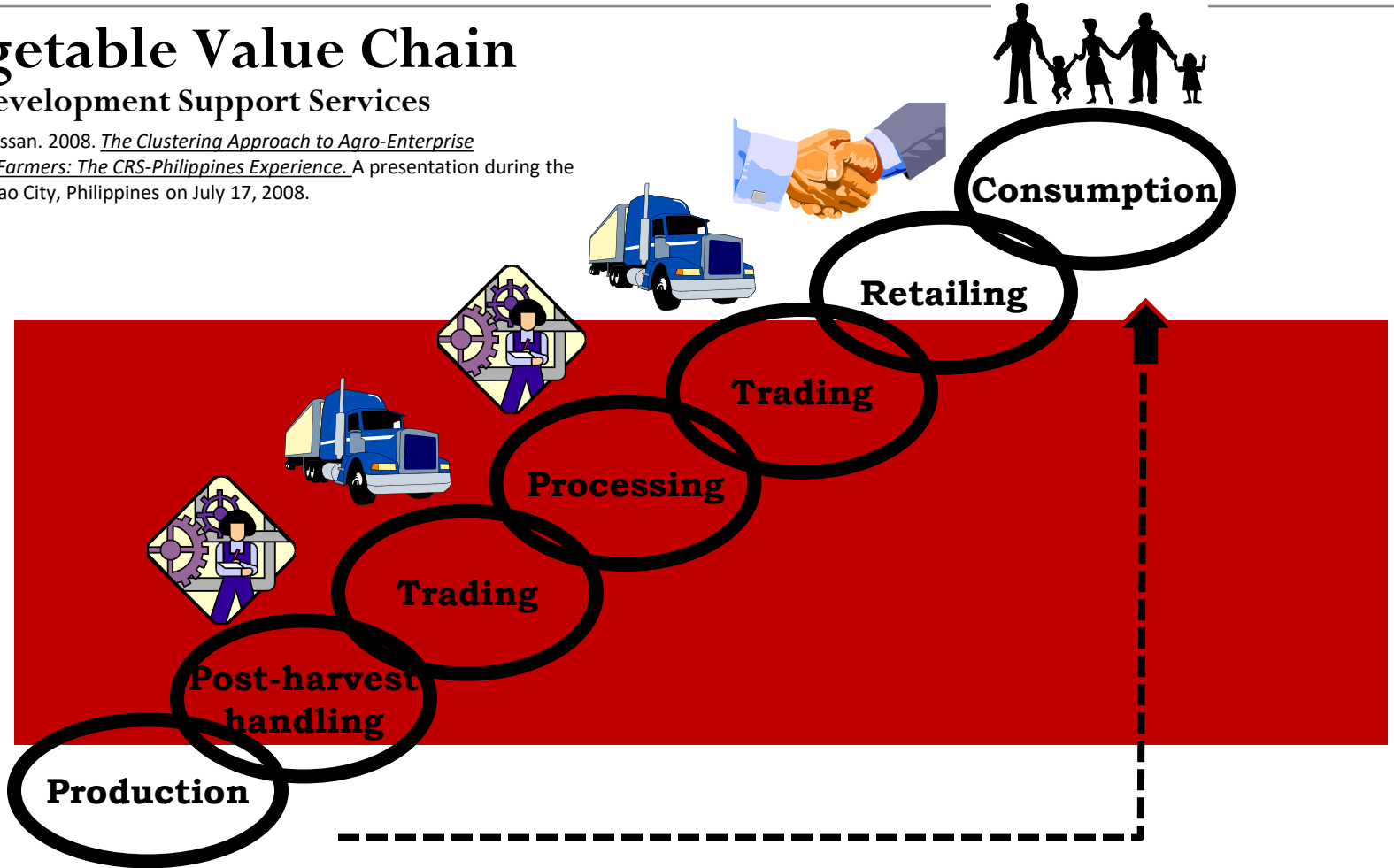
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# The Vegetable Value Chain & Business Development Support Services

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# VALUE CHAIN ANALYSIS: SQUASH FROM NUEVA VIZCAYA

Farmer (1 day)

Buyer  
(1- 3 days)

Traders/  
Consolidator  
s (1 day)

Stall Owners/  
Institutional  
buyers (1-3 days)

Retailers/ Direct  
Consumers  
(1-3 days)



Farmer's field



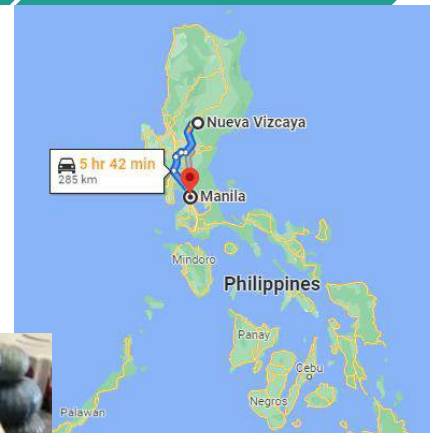
Buying Station



Transporting using open trucks, forward trucks/ 10-wheeler trucks



Stalls in Divisoria



Supermarkets/ Wet Market

Farmer → Consumer:  
**5 - 11 days**

# VALUE CHAIN ANALYSIS: SQUASH – FROM MINDANAO

Farmer (1-3 days)

Canvassers

Traders/  
Consolidators  
(7-12 days)

Stall Owners/  
Institutional  
buyers (1-3 days)

Retailers/ Direct  
Consumers  
(1-3 days)



Farmer's field



Canvassers



Transporting using  
closed container vans

[https://web.facebook.com/romel.avila.505/videos/662772494660735/?rdc=1&\\_rdr](https://web.facebook.com/romel.avila.505/videos/662772494660735/?rdc=1&_rdr)



Stalls in Divisoria



Supermarkets/ Wet Market



Farmer → Consumer:  
**10 - 21 days**



## *Let's shorten the vegetable value chain!*

- 1** HOME FOOD SECURITY  
> **GROW A VEGETABLE GARDEN AT HOME**



- 2** COMMUNITY/BARANGAY FOOD SECURITY  
> **MIXED CROP, COMPLETE VARIETY & PRODUCTION**  
> **SELL RETAIL TO NEIGHBORS AND COMMUNITY**



- 3** LGU FOOD SECURITY  
> **MIXED CROP, COMPLETE VARIETY & PRODUCTION**  
> **LINKED TO LGU RETAILERS**  
> **DRAW A FOOD SECURITY MAP**



# VeggiEskwela



Development of  
home/school/community vegetable  
gardens



**A**wareness

**A**vailability

**A**ccessibility

**A**ffordability

*of nutritious food*



Increased food security, family  
consumption and nutrition





# VeggiEskwela



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## Creating livelihood + Growing local food + Healthy communities + Clean environment

Barangay Economy

Food Security

Family Nutrition

Environment Protection



Development of  
home/school/community  
vegetable gardens



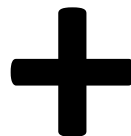
**Awareness**  
**Availability**

**Accessibility**



**Affordability**  
*of nutritious food*

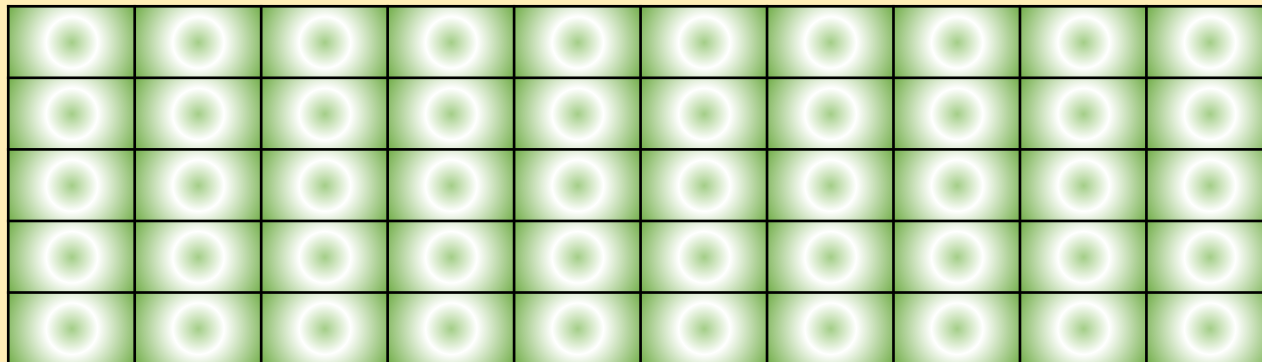
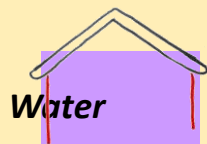
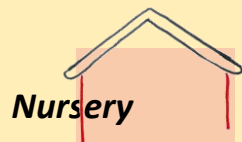
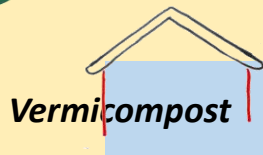
Increased food security, family  
consumption and nutrition



- |   |   |
|---|---|
| 1 | Establishment of cluster vegetable gardens                                    |
| 2 | Project beneficiaries develop and sustain their own organic vegetable gardens |
| 3 | Beneficiaries gain revenues from sales of vegetables                          |
| 4 | Self-regulating association formed  |

# Gulayamanan

1 HECTARE PLANTING AREA = 50 CLUSTER GARDENS OF 200 SQM EACH



## PLANTING AREA

- 1 hectare
- Open to sunlight
- Available water supply
- To be divided into cluster gardens, 200 sqm per participant

*50 cluster gardens  
can feed  
250 family members  
+  
400 families in the  
community*

## EACH CLUSTER GARDEN

- Produces a variety of vegetables (mixed crop)
- Natural/organic method
- Can yield **100 kg** of vegetables monthly





January 2023



May 2023

## Gulayamanan Lian, Batangas



**Weekend talipapa in the barangay**



**Selling the harvest on the way home from the farm**







**Name: Arvin Dadizon**

Address: Coreville, Brgy. Sto. Nino, Tacloban City

Period Covered: April-July 2022

Number of Family Members: 4    Age: 20

Total Harvest: 506 kg

Total Sales: P25,840

Average per capita daily consumption: 134g



*“Ang pagiging beneficiary ng Gulayamanan ay malaking tulong sa aming pamilya. Nabigyan ng pagkakataon na magkaroon ng lugar na pagtataniman kung saan kami makakuha ng aming makain at gulay na mabinta.”*

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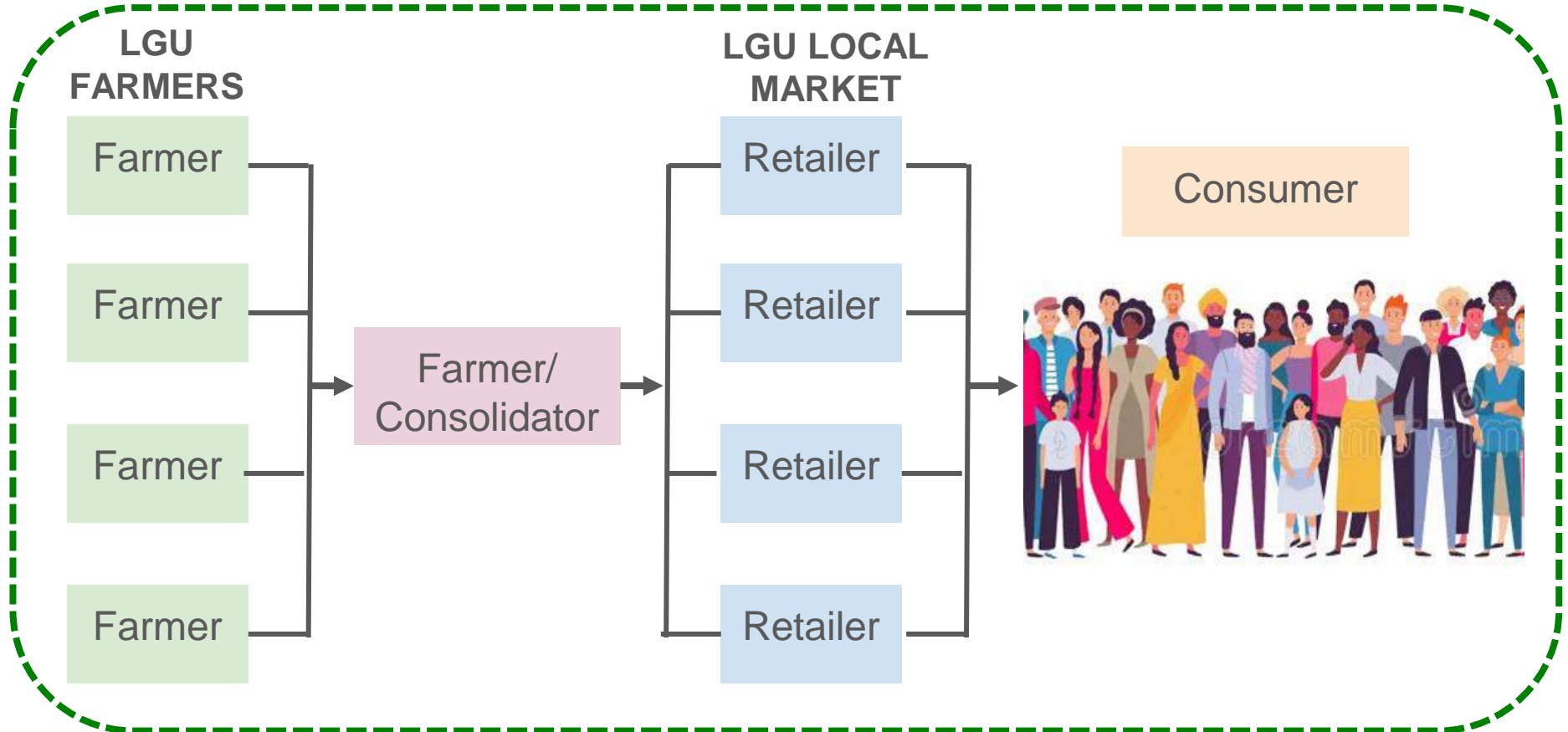


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## GROW LOCAL, SELL LOCAL, CONSUME LOCAL



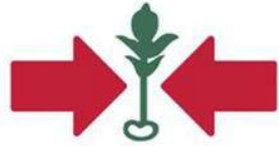
# Food Security MAP

At all governance levels -- Barangay, LGU, Province

1. What do we need?
2. What do we grow or produce?  
*--- Arrange to be sold locally*
3. What do our neighbors have?  
*--- Arrange to be sold locally*
4. What can we do to close any gap?







EAST-WEST SEED  
FOUNDATION

# THANK YOU!

[www.eastwestseedfoundation.ph](http://www.eastwestseedfoundation.ph)

*"Food Security and Better Family Nutrition,  
One Garden at a Time"*

