

A Comparative Value Chain Assessment on Select Commodities Intercropped with Cacao

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Problem Statement:

Cacao farmers in Baguio District (Davao City) are unable to maximize their land resources for higher income

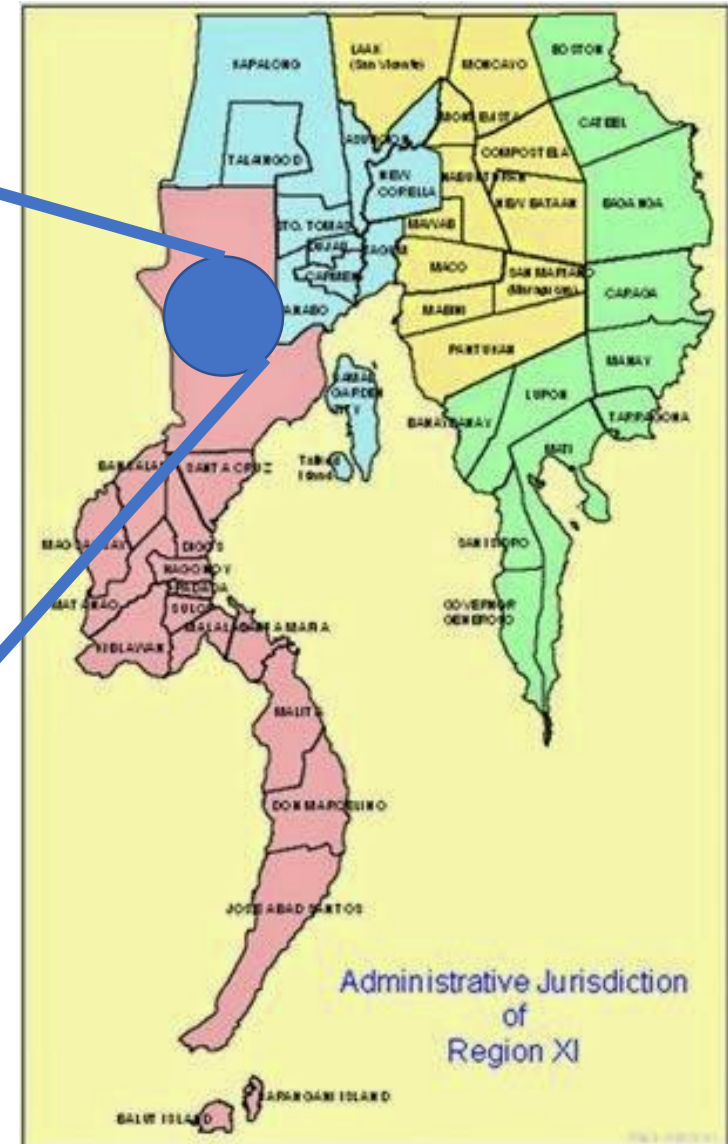
Approach:

To come up with a comparative value chain assessment on select commodities intercropped with cacao to determine which has greater competitive advantage

Target Outcome:

Diversified/optimized cacao farms in Baguio District that are generating higher income level for farmers





Research Questions

- Which crop's value chain has the largest comparative advantage that when the crop is intercropped or planted together with cacao may result to maximized and optimal use of land and increased income to smallholder farms?
- How can a smallholder farmer maximize its cacao farm with the identified crop?



Objectives

1. Assess the value chains of identified intercrops for cacao (durian and mangosteen) and compare the competitiveness of these value chains;
2. Determine better option for intercrop with cacao based on competitive advantage of its chain.
3. Present recommendations to improve competitiveness of each chain.



Limitations

- The mini project was limited to Brgy. Wines of Baguio District because the district is very large, given the limited time and resources.
- Only APO Farmer Cooperative members in Bgry Wines were interviewed to represent the production segment of the Value Chain.
- Did not have access to a trader due to timing of data gathering. Information was instead obtained from farmers and clients of traders.



Selection Criteria

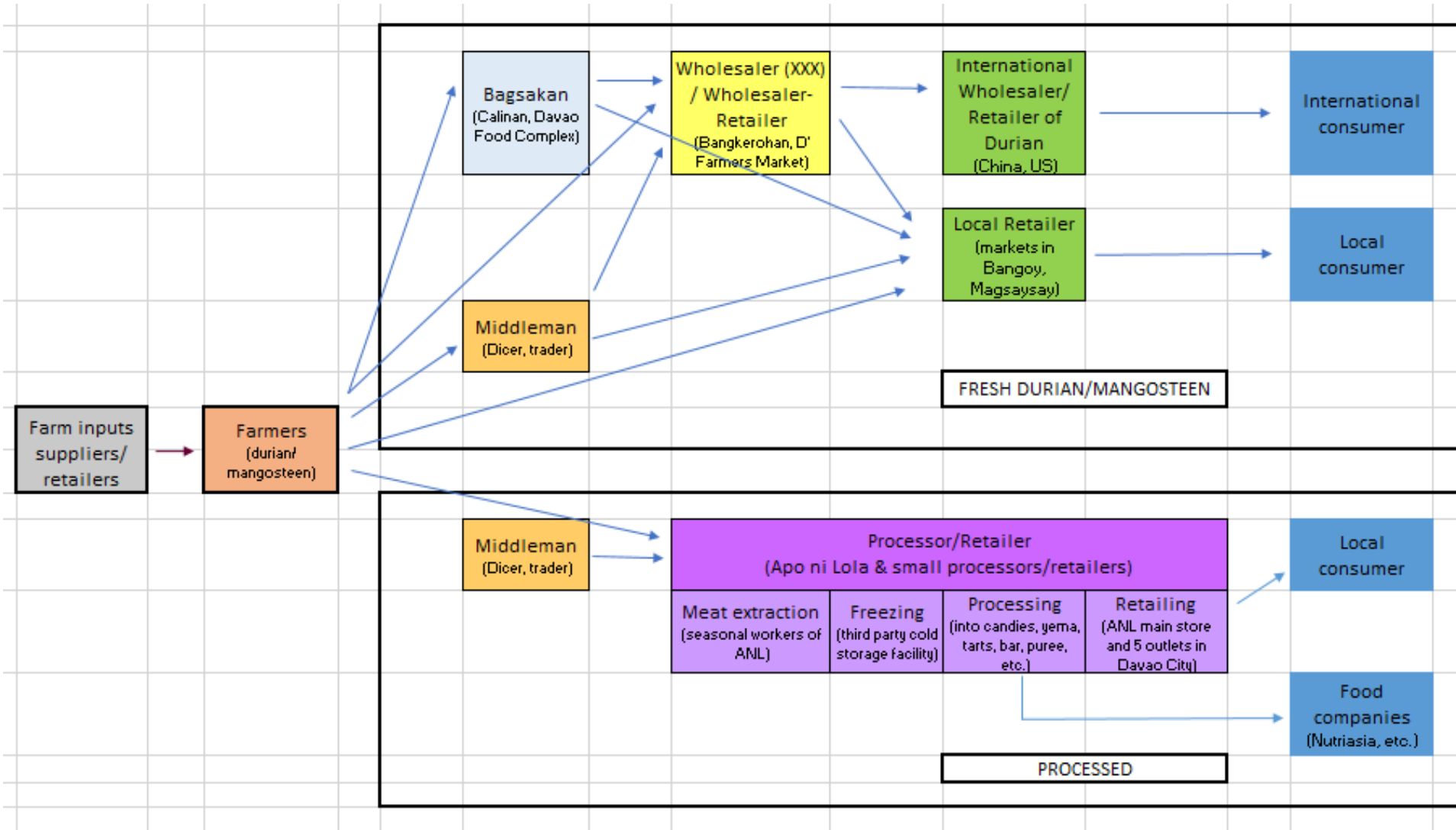
- Market demand and potential (market potential; demand locally and outside the region)
- Potential for VC Improvement, upgrading
- Suitability of crop in the area (eg. Soil, access to irrigation, including farmer's capacity to produce and willingness, etc.)
- Suitability of crop to be intercropped with cacao
- Can potentially provide additional (significantly higher) income to farmers
- Local government priority and existing support from agencies
- Availability of secondary data, related materials, previous studies





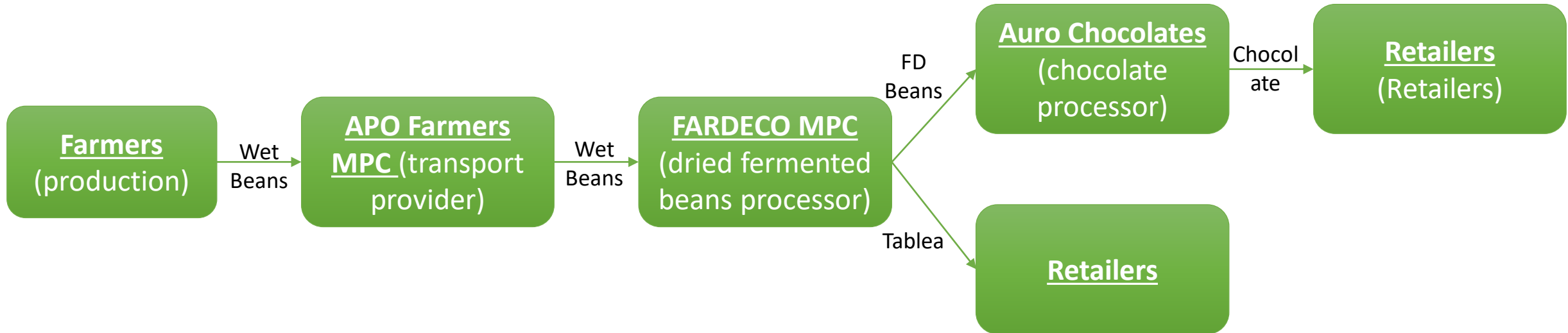
VALUE CHAIN	Key players				
CACAO	<ul style="list-style-type: none"> Members of Apo Farmers MPC (Brgy Wines, Baguio) 	 <ul style="list-style-type: none"> FARDECO Multi-purpose Cooperative 		<ul style="list-style-type: none"> Auro Chocolates 	<ul style="list-style-type: none"> Bangoy Market Bangkerohan Magsaysay Apo ni Lola
MANGOSTEEN		<ul style="list-style-type: none"> Middleman 	<ul style="list-style-type: none"> Nutri-Asia Apo ni Lola 	<ul style="list-style-type: none"> D' Farmers Market 	
DURIAN		<ul style="list-style-type: none"> Bagsakan Wholesaler 	<ul style="list-style-type: none"> Apo ni Lola 	<ul style="list-style-type: none"> D' Farmers Market 	

Durian and Mangosteen Value Chain





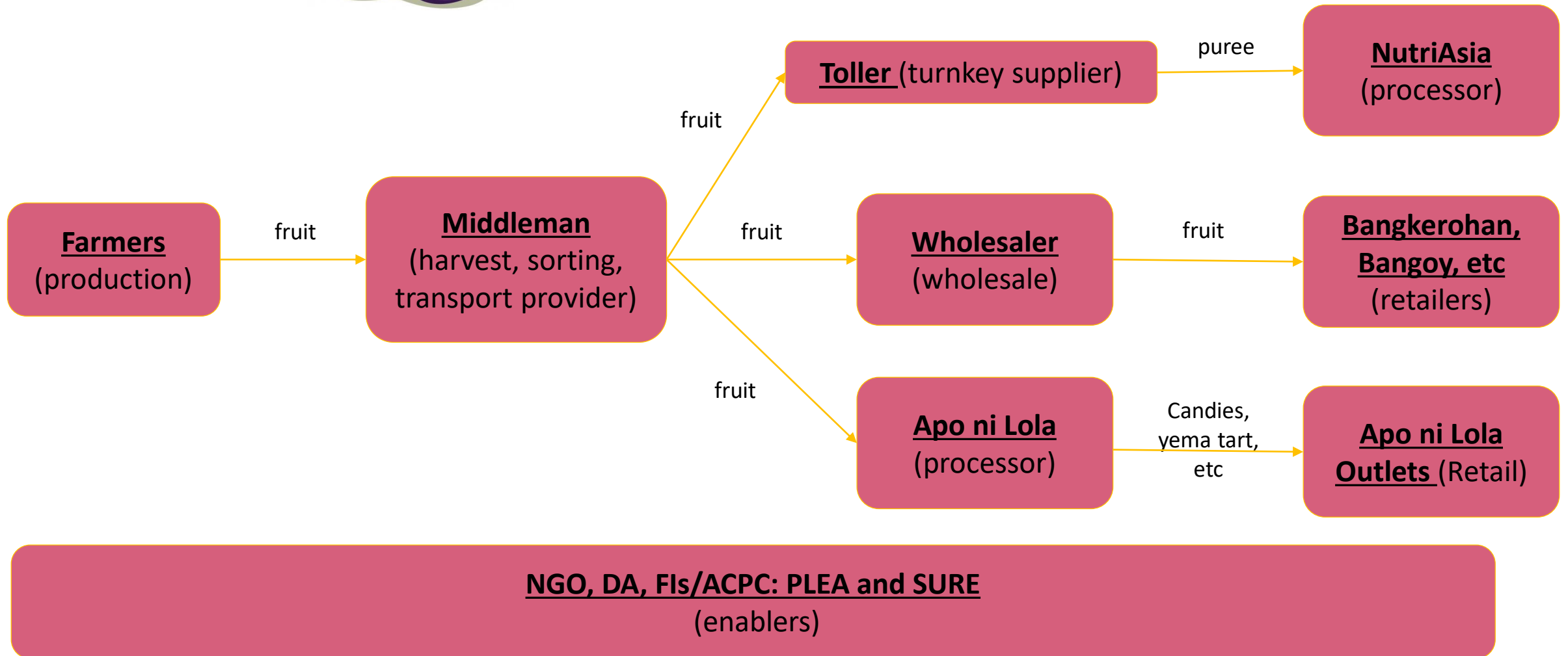
CACAO VALUE CHAIN



NGO, DA, CIDAMI, Fis/ACPC: PLEA and SURE
(enablers)

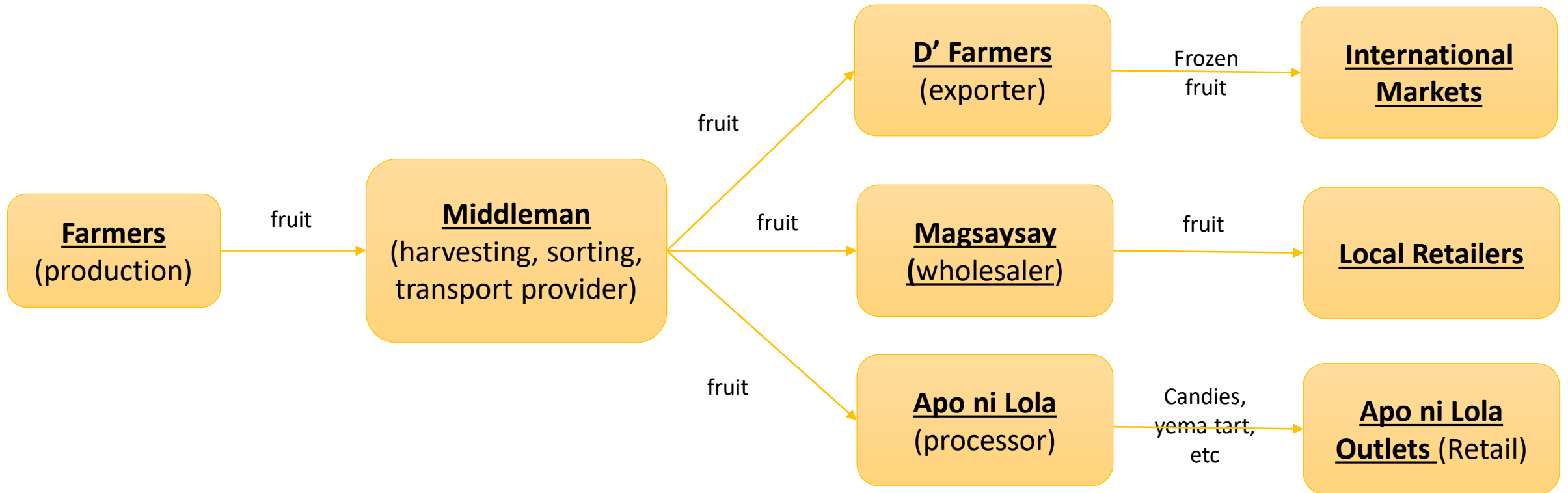


MANGOSTEEN VALUE CHAIN





DURIAN VALUE CHAIN



NGO, DA, Davao Durian Council, Fls/ACPC: PLEA and SURE
(enablers)

Key Findings

1. There is high demand for wet cacao beans and processed cacao but production in Brgy Wines is low
 - UF18 can potentially produce around 3kg/tree, however, Brgy Wines is only producing 1kg/tree
 - Additional opportunities for increased income through value adding activities
 - Lack of investments (facilities) and farmer/local org know-how to do value adding activities
 - Need for more effort in improving production and efficiency in cacao as main crop
2. Mangosteen has better competitive position in the market than cacao and durian.
 - It has higher production income.
 - Has more diversified products.
3. Durian has big local and export opportunities but there is still need to improve volume and quality of durian fruits.
4. Middlemen plays a crucial role in durian and mangosteen chains. They are making the chains efficient.
5. As a way to grab more share in the VC, a coop can perform the functions of a middleman, if capacitated.



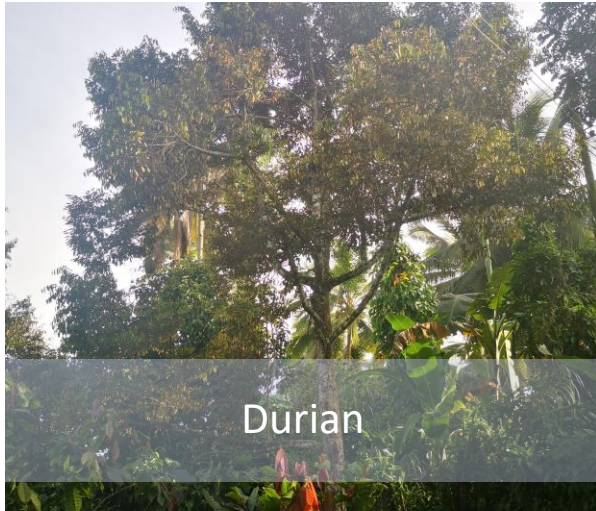
Recommendations

1. For farmers and coop, take advantage of the available support from enablers.
2. For the enablers, capacitate Apo MPC to become consolidator and training provider
3. Whilst there are benefits in having intercrop, it is still recommend to focus on improving the productivity of their current cacao trees first.
4. Adapt farming practices that are not detrimental to the intercrop.
5. If ever farmers want to engage in intercrop, mangosteen is recommended compared to durian





Cacao



Durian



Mangosteen



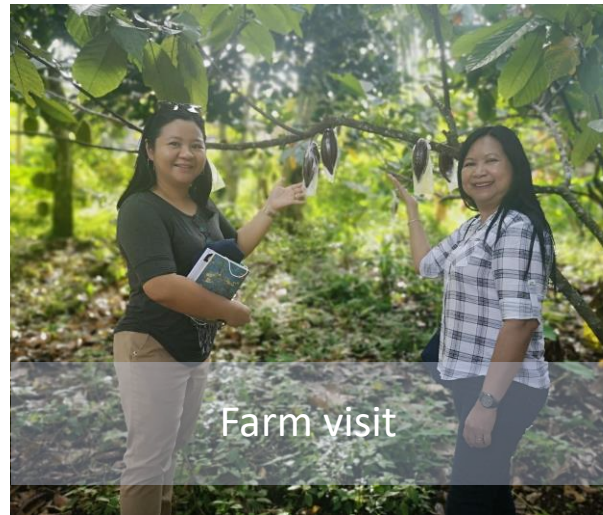
APO Farmer Cooperative
Chairman



FGD with the APO Farmer
Coop members



With the members of the APO
Farmers Coop



Farm visit



KII at Bangkerohan



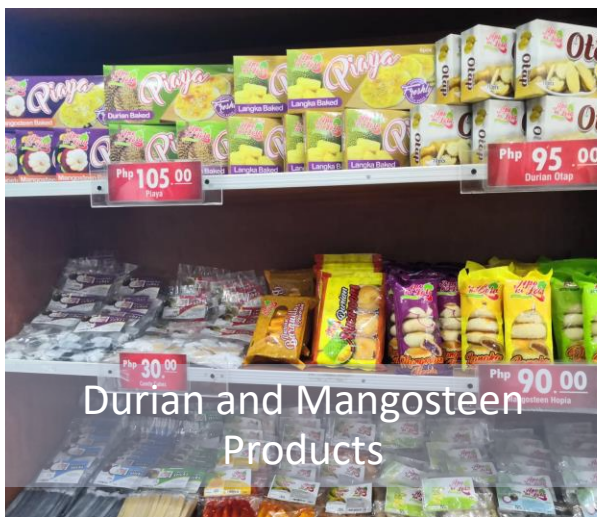
Wholesale and Retail Market



Cacao and Durian



Cacao and Mangosteen



Durian and Mangosteen Products



Durian and Mangosteen Products



Mangosteen juice



Cacao



Fardeco Cooperative



Processing of Cacao beans



Tableta



Auro Chocolater



Hot Chocolate Drink



Meeting with our mentor

Thank
You.

