Preparation of Cluster Completion Report for all Clusters Implemented in 12 project Districts under the Agriculture Sector Modernization Project Ministry of Agriculture, funded by the World Bank (IDA fund and EU grant)

Procurement No: LK-MOA-PMU- 456007-CS-INDV

Cluster Completion Report – Eastern Province

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List of Abbreviations

ASMP	Agriculture Sector Modernization Project
ATDP	Agriculture Technology Demonstration Park
CBO	Community Based Organization
CDP	Cluster Development Plan
DSD	Divisional Secretary Division
FBS	Farmer Business School
FD	Forest Department
DS	Divisional Secretary
EU	European Union
GN	Grama Niladhari
GoSL	Government of Sri Lanka
GRC	Grievance Redress Committee
GRM	Grievance Redress Mechanism
IDA	International Development Association
IPM	Integrated Pest Management
LA	Local Authority
MOA	Ministry of Agriculture
NGO	Non-Governmental Organization
PMU	Project Monitoring Unit
PPE	Personal Protective Equipment
PPMU	Provincial Project Management Units
PS	Pradeshiya Shaba
PUC	Public Unlisted Company
SMP	Social Management Plan
WB	World Bank

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CHAPTER 01: INTRODUCTION

1.1 Project background

The Sri Lankan agriculture sector plays a crucial role in the rural labor market. However, its contribution to the country's GDP has declined from over 40% to less than 10% over several decades. Despite this long-term decline, the sector experienced a 3.6% growth in 2023, increasing its contribution to GDP to 10.7% (DCS, 2023). Nationally, about 26.5% of the employed population works in agriculture. Around 1.65 million smallholder farmers operate less than 2ha of land and contributes 80% to the total agricultural production. Nonetheless, the sector has faced numerous challenges over the years. Among these challenges, factors such as low productivity and profitability, limited adoption of mechanized farming, inadequate private investment, restricted market access, insufficient credit and financial services, poor infrastructure, poor pest and disease management practices, and the impacts of climate change have all hindered the sector's performance. With this background, The Agriculture Sector Modernization Project (ASMP) was launched with the aim of enhancing agricultural livelihoods by improving productivity, targeting market-oriented production, especially for export, upgrading value chains, and bolstering production and market infrastructure and capacity. The project was funded with a credit of US$ 58.63 million from the World Bank through the International Development Association (IDA) and a grant of US$ 28 million from the European Union (EU). It comprises three key components:

1. Agricultural Value Chain Development: Promoting commercial and export-oriented agriculture.
2. Productivity Enhancement and Diversification Demonstration: Supporting smallholder farmers to produce competitive and marketable commodities, improve their market responsiveness, and increase commercialization.
3. Human Resources Management and Capacity Building: Focusing on logistics, monitoring and evaluation, communication, and overall project coordination.

The ASMP expected to improve small-scale farmers' living standards by boosting productivity and competitiveness through new technologies and management practices. It introduced high-value, export-oriented crops, helped establish market linkages, scaled up production using the cluster concept, and enhanced value addition. By adopting cluster concepts with Cluster Development Plans (CDPs), farmers cultivate high valued crops using, the given technologies, knowhow, improved infrastructure facilities, machineries and farming tools and equipment. Seventy-two clusters were formed with the expectation that farmers in these clusters would establish farmer companies known as Public Unlisted Companies (PUCs). These PUCs help mitigate issues related to traditional fragmentation in the sector. They also enhance farmers' collective bargaining power while allowing them to make independent decisions on product supply, quality, profitability, and sustainability. As these companies mature, they are expected to create their own business environments. PUCs play a crucial role in ensuring that farmers are both contributors to and beneficiaries of the agricultural value chain. These Farmer Companies are distributed strategically across 12 districts [7 districts under World Bank (WB) and 5 districts under European Union (EU)] to maximize their impact on regional agricultural development and the assistance provided by the project was directed towards individual farmers and PUCs. The investment made by the ASMP for one Cluster, which produces at least one

PUC, is more than 360 million rupees. The investment covers costs for Irrigation systems, land preparation implements, some inputs such as insect proof nets, poly mulch, fertilizers, seeds, poly tunnels in some clusters, processing facilities and equipment, construction of agro-wells, access roads, establishment of PUCs, farmer training and capacity building etc.

1.2 BRIEF DESCRIPTION OF THE PROJECT

The Agriculture Sector Modernization Project (ASMP) is comprised of three components. The Component-1, Agriculture Value Chain Development, seeks to promote commercial and export-oriented agriculture and this component is implemented by the Ministry of Plantation Industries (MOPI). The Component-2, Productivity Enhancement and Diversification Demonstration (this particular assignment relates to the Component-2) is implemented by the Ministry of Agriculture (MOA). The Component-2 aims to support smallholder farmers to produce competitive and marketable commodities, improve their ability to respond to market requirements and move towards increase commercialization. The Component-3 focuses on human resource management, and capacity building, logistic requirements, monitoring and evaluation, communication, and coordination of the overall Project.

The listed below are the sub-components of the Component-2 of the ASMP implemented under the MOA:

a. **Farmer Training and Capacity Building:** Under this Sub-component, all the non-technical farmer trainings (mainly through ***Farmer Business School – FBS***) are provided to all the member farmers of the ***Farmer Companies (FCs)*** as well as to the selected non-member farmers living around the cluster areas with the aim of improving their soft skills (referring farming as a business), carry out related awareness and exposure visits (local as well as foreign), empowering Farmer Companies providing the related trainings to the lead farmers as well as to the potential second generation young farmers, and providing all the assets needed to operate the Farmer Companies.
   All related institutional capacity building activities are carried out under this sub-component in order to establish and empower the Farmer Companies.
b. **Modern Agriculture Technology Parks (ATDPs):** This is the main Sub-component the Component-2 of ASMP. All the crop cluster selection, design, establishment, and continuity of crop clusters is ensured under this sub-component. Each individual member farmer of the FC will receive a technology package as a grant under this Sub-component. In addition, farming related collective assets, cluster specific common ***Agro Processing Hubs - APHs*** (mostly one per each cluster), and common ***Urban Marketing Centers - UMCs*** (mostly one per each District), certain technical exposure visits, trainings and awareness, specific technical consultancies will be delivered under this Sub-component.
c. **Production and Market Infrastructure:** Under this Sub-component, Cluster / ATDP specific market infrastructures (Eg. Common APHs, UMCs, ***Compost Making Units - CMUs***), required irrigation infrastructures, identified market access roads and any other specific supportive infrastructures will be established. In addition, the consultancy assignments related to Engineering Designing and Establishments will be carried out under this sub-component.
d. **Analytical and Policy Advisory Support:** Related Policy Studies as well as required Analytical Studies are carried out under this particular Sub-component. In addition, conducting certain related assessments / evaluations, organizing ***Techno Forums***, ***Policy Forums***, formulation Policy / Strategy briefs / guidelines are carried out.

Project Management Unit (PMU) of the ASMP together with the ***Provincial Project Management Units (PPMUs)*** implement the project activities with the support and the guidance of the Ministry of

Agriculture mainly through its Project Management Unit, the Provincial Ministries of Agriculture and other relevant stakeholders.

The Democratic Socialist Republic of Sri Lanka has obtained a Credit of US$ 58.63 Million from the World Bank through the International Development Association (IDA) and received Grant of US$ 26 Million from the European Union (EU) for the ASMP of the Ministry of Agriculture.

1.3 THE NEED FOR CLUSTER COMPLETION REPORTS

All project activities financed under the Agriculture Sector Modernization Project (ASMP) are at the tail-end and will be concluded by December 2024. Therefore, preparation of Cluster completion report for each cluster implemented under ASMP is required as per the agreement with the IDA/EU with the GOSL. Hence, ASMP is obliged to submit Cluster Completion Reports for all 72 clusters (including cost of cultivation, production and market infrastructure, Institutional development, Farmer Training and Capacity Building, etc) implemented under ASMP supported districts (IDA and EU funded). Below table identifies the total clusters which are to be considered for preparation of Completion Reports.

#	Province	District	Cluster	Cluster type
1	central	Matale	1. Passion fruits production	Pilot
2			2. Onion seed production	Pilot
3			3. Hybrid Chili seed production	Pilot
4			4. TEJC Mango production	Pilot +ISP
5			5. Guava Production Cluster	ISP
6			6. TJC Mango instead of MD2 pine apple	ISP
7		Kandy	1. Dry Chili Production (2021)	Pilot+EU
8			2. Hass Avocado production Cluster	EU
9			3. Vegetable seed production	EU
10			4. Ambul Banana	EU
11	Northern	Jaffna	1. Chilli production	pilot
12			2. TJC Mango production/ chili	ISP+pilot
13			3. Potato Red onion Production Cluster	ISP
14			4. Organic Small Banana Production	ISP
15		Mullaitivu	1. Ground Nut production	pilot
16			2. Passion fruit Production	pilot
17			3. Kolikuttu Banana/Chilli Production	ISP
18			4. Pomegranate/Chilli Production Cluster	ISP
19			5. Papaya/Chilli Production Cluster	ISP
20			6. Dry chili cluster	Pilot
21		Kilinochchi	1. Jumbo peanut production cluster	EU + pilot
22			2. Passionfruit production cluster	EU + pilot
23			3. Chili Production cluster	EU
24			4. Pomegranate Cluster	EU
25			1. Dried Chilli Production	EU
26			2. Maize seed production	EU

27		Vavuniya	3. TJC Mango	EU
28			4. Papaya Production	EU + pilot
29			5. Cassava Production cluster	pilot
30	Uva	Monaragala	1. Passionfruit production	pilot
31			2. Pineapple production	pilot
32			3. TEJC Mango production	pilot+ISP
33			4. Moringa Leaves Production	pilot
34			5. Bee keeping	pilot
35			6. Cavendish Banana Production Cluster	ISP
36			7. Cavendish Banana instead of MD2 pineapple	ISP
37			8. Chilli Production	pilot
38		Badulla	1. Avocado Cluster	EU
39			2. Dry Chili Production Cluster	EU
40			3. Seed Potato Cultivation -	EU +Pilot
41			4. Vegetable production cluster	EU
42			5. Passionfruit production cluster	pilot
43			6. Mandarin Production	pilot
44			7. Soursop Production	pilot
45	Eastern	**Batticaloa**	**1. Cucumber Production**	**pilot**
46			**2. Green chilli Production Kaluthavalai**	**pilot**
47			**3. Dry chili production**	**pilot**
48			**4. Ground Nut Production Kathiravelai**	**pilot**
49			**5. Ground Nut Production Karadiyanaru**	**pilot**
50			**6. Cavendish Banana production**	**ISP**
51			**7. Pomegranate Production Kaluwanchikudy**	**ISP**
52			**8. Pomegranate Production**	**ISP**
53		**Ampara**	**1. Dry Chili Production Cluster**	**EU**
54			**2. Jumbo peanut Production (pilot cassava 100)**	**EU + pilot**
55			**3. Maize seed production Cluster**	**EU**
56			**4. Soursop Production Cluster**	**EU+pilot**
57	North Central	Anuradhapura	1 Green chilli production	pilot
58			2 Bitter gourd Production	pilot
59			3 Mushroom production	pilot
60			4. Aloe Vera Production	pilot
61			5. Moringa Leaves production	pilot
62			6. Maize seed Production	pilot
63			7. Small Banana Production Cluster	ISP
64			8. Dry Chili Production Cluster	ISP
65			9. Guava Production Cluster	ISP+pilot
66		Polonnaruwa	1. Green chilli production	pilot
67			2. Bitter gourd Production	pilot

68			3. Mushroom production	pilot
69			4. Aloe Vera cultivation	pilot
70			5. Dry Chili Production Cluster	ISP
71			6. Papaya Production Cluster	ISP+pilot
72			7.Vegetable Production Cluster	ISP
			Total Entire project	

1.4 SCOPE OF THE WORK

Cluster completion Report should comprise of followings:

- Matrix indicating all the activities
- Cluster Completion Report

A Cluster completion report should include:

1.	**Project background/ objectives**	o Brief description of the implemented sub-project components comparing with the Cluster Developments Plans and Project Proposals indicating all planned activities o Summary of Project Implementation • Sub-project Documentation (Date of submission / approval, Date of Sub-project Implementation; Date of completion) • Cluster cultivation activities and their details (date of cluster cultivation started, date of completion, • Sub-Contract Details for infrastructure activities (i.e., how many infrastructure activities started, how many completed, physical progress, financial progress, status of handing over, etc) • Description of each input package given to farmers (new, existing, other) • Cost of each input package (new, existing, other) • How many farmers received each package (new, existing, other)
2.	**Agriculture Productivity Improvement Activities (Cultivation activities)**	- Details of crop clusters by each district indicating the crops, no of farmers planned/selected, land extent (Acres/Ha), no of farmers started/extent in Ha, no of farmers harvested/extend in Ha, no of farmlands abandoned/extent in Ha, etc - Clusters not started harvesting yet, details such as expected timeline of yield with forecasted yield for year 1, 2, 3, 4, or more years until full maturity as appropriate - Details of inputs provided (irrigation systems established, purchased, functioning, abandoned, planting/seeding materials, fertilizer, land preparation inputs, machineries & equipment provided such as tractors, tillers, bed makers, operational mechanism of such inputs, etc) - Cost of production for each crop based on the available data - Details of harvest (quantity of harvest expected, quantity of harvested, quantity of harvest sold, income including foreign exchange earnings, etc) - Description of any backward linkages to local services providers - Details of IPM practices implemented in each crop cluster in each stage - Details of trainings/awareness conducted (no of trainings conducted, direct and indirect beneficiaries of training, photos of such trainings, etc
3.	**Production and Market Infrastructure**	- List of infrastructures identified, selected and implemented under each cluster by districts such as roads, culverts, canals, - Status of implementation (physical and financial progress of each activity, handing over status, etc)

	Developments	- Details of common infrastructures such as Agro-wells and Solar powered systems and uses - Operations and maintenance plans for each infrastructure - Sustainability measures for each infrastructure activity - Status of Collecting Centre /Processing Centre & equipment including how much was spent on the PUC post-harvest center including building construction and rehabilitation, PUC office facilities, PUC office equipment, and so on - Completion certificates/taking over certificates
4.	**Farmer training and Institutional Development Activities**	- Details of institutional set-ups established (FOs/PUCs established, Registered, in-operations, pending, no of clusters covered) - No of farmers in each institutional set-up (FO/PUC) and no of shareholders of each PUCs - Share capital collected in each cluster/PUC and status of the capital investment - sustainability mechanism of Processing facilities - Training/Awareness conducted for each cluster including business management (FBS & PUC training) - Status of Business Plans for each cluster - Status of marketing of production (market linkages)
5.	**Financial Status**	- Details of expenditure Planned under each cluster (expenditure planned under each intervention such as crop establishment, irrigation establishments, infrastructure developments, the establishment of processing centers, establishment of PUCs, etc) - Details of expenditure incurred under each cluster (expenditure incurred under each intervention such as crop establishment, irrigation establishments, infrastructure developments, the establishment of processing centers, establishment of PUCs, etc) (Expenditure on each beneficiary?) - Details of beneficiary contribution in each cluster - Financial progress including due payments - Plan for Expenses under each cluster by December 2024
6.	**Indictor achievements**	- As per the result- framework (Existing status of PDOs 1-7/Progress and 18 IRs) - No of jobs created through the cluster initiatives
7.	**Best practices implemented**	- Document all best practices implemented under each cluster
8.	**Information Dissemination**	- **Transferring of technology** – technology transfer to implementing agencies such as DOA, PDOA, MASL, PUC, etc - **Information Dissemination Channels:** This focuses on the communication methods used to spread information within communities. - **Timely Access to Information:** This highlights the importance of receiving information promptly. - **Information Availability:** This emphasizes that the information needed is readily accessible. (Documents, VIDEOS etc.) - **Sharing information**: To a more interactive process of including relevant parties in the information exchange.

1.5 Basic Data

Project Implementation Start Date	**Project Implementation End Date**
15.12.2016	31.10.2021
Expected Effective Date	**Expected Closing Date**
30.09.2016	31.12.2021

Project Component - 2	58.63 US$ million (WB)+28 US$ million (EU)
Farmer Training and Capacity Building	6.20 US$ million
ATDP	33.44 US$ million (WB)+28 US$ million (EU)
Production and Market infrastructure	14.71 US$ million
Analytical and Policy Support	4.28 US$ million

Project Financing (WB)	Credit
Total World Bank Financing/ IDA	125 US$ million
Burrower/ Recipient	0.74 US$ million
Local Community	0.00 US$ million
Local Farmer Organizations	44.10 US$ million
Total Project Cost	169.84 US$ million

CHAPTER 02: CLUSTER DEVELOPMENT PLAN AND IMPLEMENTATION

Formulation of CDPs comes under the component-02 of ASMP, where it aims to support smallholder farmers to produce competitive and marketable commodities, improve their ability to respond to market requirements and move towards increase commercialization. Farmer Training and Capacity Building, Development of Modern Agriculture Technology Parks (ATDPs), Development of Production and Market Infrastructure and Analytical and Policy Advisory Support are the main subcomponents implemented by the ASMP under the main component-02. Farmer training and capacity building was mainly implemented through the concept of Farmer Business School where members of the PUC and non-members received the training and awareness of different aspects of crop management, business management, cultural practices, new technologies etc. The selection, design, establishment, and continuity of all crop clusters were ensured under sub-component of development of ATDPs. Furthermore, Agriculture Technology Demonstration Parks (ATDPs) supported farmers in several key areas:

- Developing professional producer associations.
- Improved production capacity and input supply/management.
- Achieving economies of scale in production and exports.
- Improved market linkages and opportunities for value addition.
- Enhancing efficiency in providing technical and other support services.
- Better and more efficient technologies for production and postharvest processes.
- Capacity building through farmer business and marketing training.

Each individual member farmer of the Farmer Company (FC) received a technology package as a grant through this sub-component. Under the subcomponent of developing production and market infrastructure, specific market infrastructures for clusters/ATDPs, necessary irrigation systems, identified market access roads, and other supportive infrastructures were established. Additionally, consultancy assignments related to engineering design and establishment were carried out.

2.1 Project Implementation

District	Cluster	Abbre.	No of farmers Targeted	No of Farmers	Extent (Acre)	Start Year
Batticaloa	1. Cucumber Production	BTC-CCMB	500	466	448	2019
	2. Green chilli Production Kaluthavalai	BTC-GCL	100	100	50	2019
	3. Dry chili production	BTC-DCL	100	100	50	2022
	4. Ground Nut Production Kathiravelai	BTC-GNT1	100	134	100	2018
	5. Ground Nut Production Karadiyanaru	BTC-GNT2	100	100	100	2020
	6. Cavendish Banana production	BTC-CBNA	500	400	194.5	2022
	7. Pomegranate Production Kaluwanchikudy	BTC-PMGT1	150	150	53	2023
	8. Pomegranate Production	BTC-PMGT2	150	107	53.5	2024
Ampara	1. Dry Chili Production Cluster	AMP-DCL	300	300	150	2023
	2. Jumbo peanut Production (pilot cassava 100)	AMP-JPN	100	600	350	2023
	3. Maize seed production Cluster	AMP-MZD	300	200	25	2024
	4. Soursop Production Cluster	AMP-SSP	350	260	200	2023

CHAPTER 03: OBJECTIVES AND METHODOLOGY

The primary objective of this assignment is to prepare Cluster Completion Reports for all 72 clusters (including total number of direct project beneficiary achievement, production and market infrastructure developments, processing and collecting centre facilities, Institutional development and individual capacity building of beneficiaries, inputs distribution under new technology packages, and Farmer Contribution) implemented in 12 project districts under five provinces (NP, CP, NCP, UP, EP) using IDA and EU funds.

3.1 Specific Tasks

- Establish actual status for all project interventions against Cluster development plans and project proposals
- Identify the completion status of each component covering all agriculture productivity enhancement, production, and market infrastructure development, direct project beneficiaries, institutional development and asset transferring, farmer training, and capacity building, collecting and post-harvest processing centers, inputs distribution as pr the introduced new technologies etc
- Identify interventions which are yet to be completed and action plan for those activities with responsibilities
- Sustainability measures taken for each and every cluster intervention including PUC Operations
- Status of achieving (Progress) Result Framework Indicators as per the Project Appraisal Documents
- Status of handing over project activities to respective implementation agencies identified by the ASMP such as PDOA, MASL, etc.

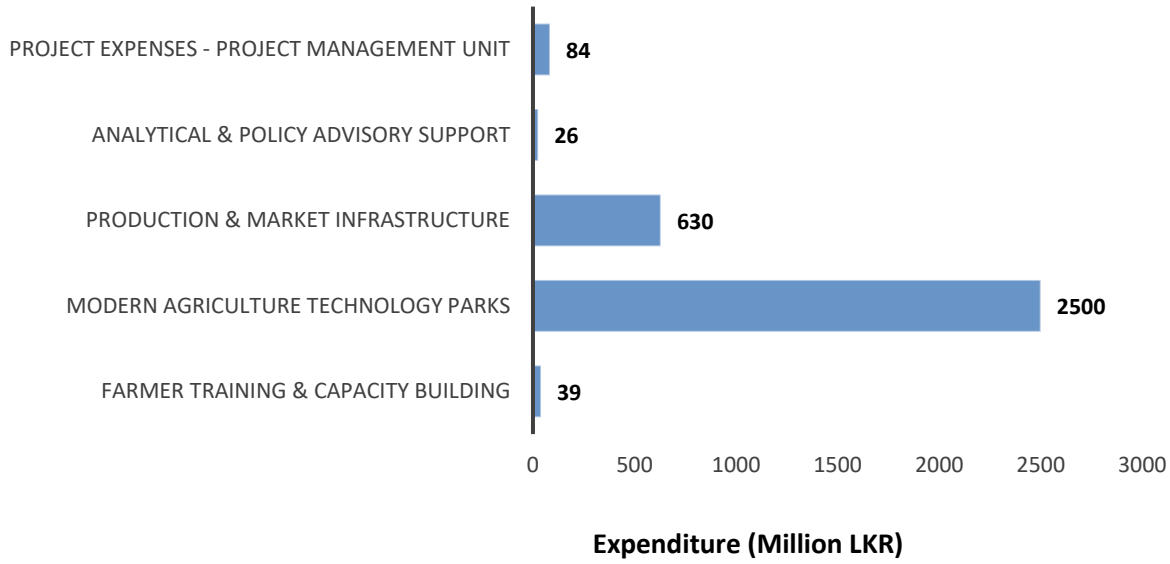
3.2 Methodology

All project activities funded under the Agriculture Sector Modernization Project (ASMP) are about to be completed at the end of December 2024. As a result, it is the obligation of the project to the World Bank and The European Union that an evaluation of the implementation of CDPs, establishment of PUCs, development and improvement of proposed market, processing and other infrastructure facilities and training and capacity building is needed to be done prior to completion of the project. Hence, this report would cover an evaluation of actual status of the project interventions against CDPs and initially proposed activities of the project. Specifically, the completion status of each component covering all activities related to agriculture productivity enhancement, market infrastructure development, institutional development and asset transferring, safeguards, farmer training, and capacity building, collecting and post-harvest processing centers, inputs distribution as per the introduced new technologies etc. were identified while giving emphasis on activities which are yet to be completed. It is also a fact that understanding sustainability measures adopted by PUCs would provide insights into how the PUCs will function without any issue in the future.

CHAPTER 04: FINDINGS AT COMPLETION IN EASTERN PROVINCE

4.1 OVERALL PROJECT COST

Activity	Expenditure (Million LKR)	% of Expenditure
Farmer Training & capacity Building	39.48	1.20
Modern Agriculture Technology parks	2500.19	76.24
Production & Market infrastructure	629.71	19.20
Analytical & Policy Advisory Support	26.14	0.80
Project Expenses - Project Management Unit	83.99	2.56
Total Expenditure	**3279.51**	**100**



4.2 CDPs, IMPLEMENTATION AND OUTPUTS

In the development of crop clusters and cluster development plans, several key components have been identified to ensure comprehensive growth and sustainability. These components encompassed various aspects of the ASMP, from training and infrastructure to policy support and project management.

1. Farmer Training & capacity Building
2. Modern Agriculture Technology parks
3. Production & Market infrastructure
4. Analytical and policy Advisory Support
5. Project Management ,Monitoring and Evaluation

Farmer Training & Capacity Building

This component focused on enhancing the skills and knowledge of farmers through targeted training programs, awareness sessions and workshops. It included PUC training, FBS training and FPO/

technical training. Capacity building initiatives aimed to empower farmers with the latest agricultural practices, technologies, and management techniques. This includes training on sustainable farming, crop management, pest control, and the use of modern equipment, ultimately improving productivity and profitability.

Modern Agriculture Technology Parks

These parks serve as hubs for innovation and demonstration of advanced agricultural technologies. They provide farmers with access to state-of-the-art facilities and equipment, enabling them to experiment with new techniques and practices. This is the place where non-beneficiaries of the project can experience the technologies and new cultural & management practices.

Production & Market Infrastructure

This component involved the development of essential infrastructure to support agricultural production and market access. It includes the construction of processing centers, storage facilities, irrigation systems, and construction & rehabilitation of some roads to facilitate agricultural activities. By enhancing production and market infrastructure, farmers are expected to improve their efficiency, reduce post-harvest losses, and gain better access to markets.

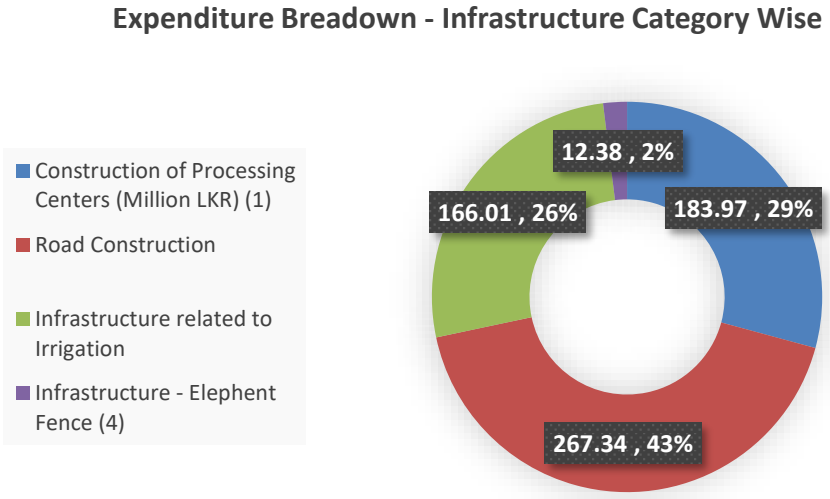
Analytical and Policy Advisory Support

Providing analytical and policy advisory support is crucial for informed decision-making and strategic planning. This component included conducting market analysis, policy research, and impact assessments to guide the development of effective agricultural policies and programs. Advisory support ensured that interventions were data-driven and aligned with the needs of the farming community.

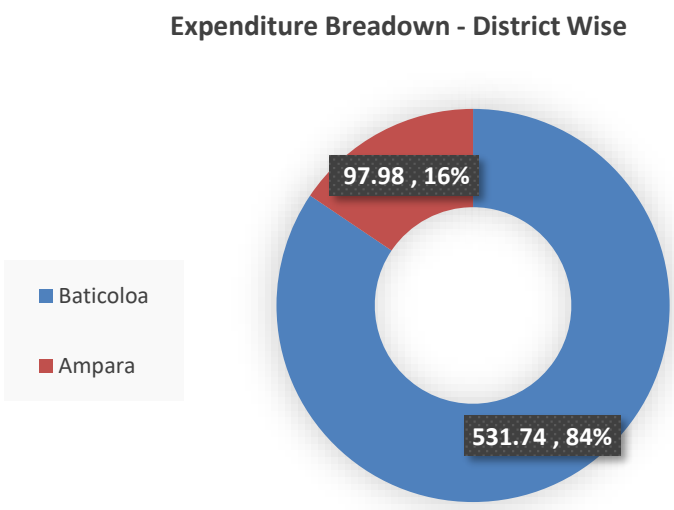
Project Management, Monitoring, and Evaluation

Effective project management, monitoring, and evaluation are vital for the successful implementation of agricultural initiatives. This component focused on establishing robust frameworks and systems to oversee project activities, track progress, and assess outcomes. Regular monitoring and evaluation helped identify challenges, measure impact, and make necessary adjustments to achieve desired results.

4.3 Production and Market Infrastructure



This figure provides an analysis of the financial expenditures for various infrastructure activities, focusing on the amounts spent and the corresponding percentages for each category. The data is presented in Million LKR and highlights the distribution of resources across different types of infrastructure. The total financial expenditure for these infrastructure activites amounts to 629.71 Million LKR. The majority of the budget is allocated to road construction, followed by infrastructure related to irrigation and the construction of processing centers. The allocation for elephant fences, though smaller, is essential for protecting agricultural investments.



The total financial expenditure for infrastructure projects in the Batticaloa and Ampara districts amounts to 629.71 Million LKR. The Batticaloa district has received the majority of the funding, reflecting a strategic emphasis on developing infrastructure in this region.

4.3.1 Expenditure on Production and Market Infrastructure

Cluster	Construction of Processing Centers (Million LKR) (1)		Road Construction (2)		Infrastructure related to Irrigation (3)		Infrastructure - Elephant Fence (4)		Total		Financial Progress as at Mid-November			
	Awarded Value	Actual value	Awarded Value	Actual value	Awarded Value	Actual value	Awarded Value	Actual value	Awarded Value	Actual value	(1)	(2)	(3)	(4)
BTC-GNT1 & BTC-GNT2	79.61	76.47	180.32	172.90	59.64	48.74	13.16	12.38	332.72	310.49	96.06	95.88	81.73	94.14
BTC-PMGT1 & BTC-PMGT2	58.71	44.98	17.65	21.29	10.24	10.24	-	-	86.60	76.51	76.61	120.64	100.00	
BTC-CBNA	210.71	36.49	52.47	56.78	83.62	51.47	-	-	346.80	144.74	17.31	108.22	61.55	
AMP-DCL & AMP-JPN	62.68	18.38	16.32	16.37	33.53	21.92	-	-	112.53	56.67	29.33	100.30	65.37	
AMP-SSP	0.21	0.21	-	-	20.48	20.48	-	-	20.69	20.69	100.00		100.00	
AMP-MZD	30.03	7.45	-	-	13.17	13.17	-	-	43.20	20.62	24.82		100.00	
Total	**441.95**	**183.97**	**266.77**	**267.34**	**220.67**	**166.01**	**13.16**	**12.38**	**942.54**	**629.71**				

This table provides an analysis of the financial progress for various infrastructure projects within different clusters. The activities are categorized into four key areas: Construction of Processing Centers, Road Construction, Infrastructure related to Irrigation, and Infrastructure - Elephant Fence. The financial values are presented in Million LKR, comparing the awarded values to the actual values achieved as of December. The overall financial progress as at December indicates significant achievements in several areas, although there are variations between awarded and actual values in most clusters. The completion of road construction in clusters BTC-PMGT1 & BTC-PMGT2, and infrastructure related to irrigation in AMP-MZD, shows remarkable alignment with the awarded values.

The table further highlights discrepancies between the awarded values and the actual values, offering insights into cost performance. The total awarded value for all clusters amounted to 441.95 million LKR, while the actual expenditure was 183.97 million LKR. This indicates a significant under-utilization of the awarded budget, with actual costs amounting to approximately 41.63% of the awarded value. However, it was observed in the field that most of the activities are closer to the completion and the contractors will claim the rest of the amount before the end of December 31st 2024.

The total awarded value for road construction activities was 266.77 million LKR, while the actual expenditure has slightly exceeded this at 267.34 million LKR, indicating a variance of 0.21%. The clusters of BTC-GNT1 & BTC-GNT2 showed that actual expenditures (172.90 million LKR) closely aligned with the awarded value (180.32 million LKR), reflecting a variance of approximately 4.11% in road construction activities. A cost overrun of 21.29 million LKR was observed in BTC-PMGT1 & BTC-PMGT2 clusters it is 20.62 percent in comparison to awarded value. 8.21% of cost overrun was observed in BTC-CBNA cluster amounting 56.78 million LKR. The awarded and actual values (16.32 million LKR and 16.37 million LKR, respectively) of AMP-DCL & AMP-JPN indicated a precise budget adherence. The total variance for all clusters for road construction activities was minimal, suggesting that despite individual discrepancies, the overall project portfolio maintained strong budgetary control.

The total awarded value for irrigation-related infrastructure activities was 220.67 million LKR, while the actual expenditure was 166.01 million LKR, indicating an overall utilization of approximately 75.26% of the awarded budget. When observing the Actual expenditure (48.74 million LKR) was 81.74% of the awarded value (59.64 million LKR) of BTC-GNT1 & BTC-GNT2, a moderate underutilization of the budget is observed. However, it is evidence that the rest of the amounts would be claimed by the contractor on or before 31st December 2024. Precise budget adherence of the awarded and actual values of BTC- was observed in PMGT1 & BTC-PMGT2 clusters. A significance variance in awarded and actual expenditures was observed in BTC-CBNA cluster. It amounts to 61.54% of the awarded value. A notable underutilization of funds (65.36% of the awarded value) have been observed in AMP-DCL & AMP-JPN cluster. AMP-SSP and AMP-MZD clusters have achieved perfect alignment, with no variance between awarded and actual values related to irrigation-related infrastructure.

Overall expenditure demonstrates reasonable alignment with the awarded values with some exception in a few clusters of EU funded clusters. However, it is expected that most of the funds would be utilized before the end of the project.

In summary, over 80% of financial progress has been achieved across major clusters for production and market infrastructure. The financial progress regarding road construction is commendable, exceeding 90%. The financial progress in constructing irrigation infrastructure exceeds 80% except for BTC-CBNA, AMP-DCL & AMP-JPN clusters. Most of the infrastructure projects have been completed and are now fully operational. Rate of completion of infrastructure development is satisfactory.

4.3.2 Status of Completion of production and Market Infrastructure

Cluster	Type of Infrastructure	Status of Construction
BTC-GNT1 & BTC-GNT2	Construction of Processing centers	Completed
	Construction of Market Access Roads	Completed
	Irrigation - Construction of Agro Well, Irrigation - Construction of Bridge -16 bays Box Type, Construction of Additional Culverts	Completed
	Construction of Elephant Fence-	Completed
BTC-PMGT1 & BTC-PMGT2	Construction of Processing & Marketing center	Completed in Thalawa and Ongoing in Kalawanchikudy
	Construction of Market Access Roads	Completed
	Irrigation - Solar irrigation systems	Completed
BTC-CBNA	Construction of Processing centers	Expected to be completed by December 31st 2024
	Rehabilitation of Processing centers	Completed
	Construction of Market Access Roads	Completed
	Irrigation -Construction Common Agro Wells in Malayarkattu Banana Cluster at Vellavely DS Division	30 Completed in Malayarkattu & 35 Ongoing in Vellavely
AMP-DCL & AMP-JPN	Construction of Processing centers	Expected to be completed by December 31st 2024
	Construction of Market Access Roads	Completed
	Irrigation - Solar irrigation Systems	Completed
AMP-SSP	Construction of Processing centers	Completed
	Irrigation - Solar irrigation systems	Completed
AMP-MZD	Construction of Processing centers	Expected to be completed by December 31st 2024
	Irrigation - Solar Irrigation systems	Completed

This table provides an analysis of the construction status for various infrastructure projects across different clusters. The projects cover four main types of infrastructure: Processing Centers, Market Access Roads, Irrigation Systems, and Elephant Fences. The table indicates significant progress across the different infrastructure activities. Most of the Market Access Roads and Irrigation Systems have been completed, with several Processing Centers also reaching completion. Ongoing projects, particularly in Processing Centers, is to be completed before the end of December.

4.4 ATDP Development

District	Cluster	Abbr.	ATDP Investment (Million LKR)
Batticaloa	Cucumber Production	BTC-CCMB	260.95
	Green chili Production Kaluthavalai	BTC-GCL	58.12
	Dry chili production	BTC-DCL	133.97
	Ground Nut Production Kathiravelai	BTC-GNT1	108.59
	Ground Nut Production Karadiyanaru	BTC-GNT2	100.45
	Cavendish Banana production	BTC-CBNA	344.31
	Pomegranate Production Kaluwanchikudy	BTC-PMGT1	133.63
	Pomegranate Production	BTC-PMGT2	199.10
Ampara	Dry Chili Production Cluster	AMP-DCL	384.66
	Jumbo peanut Production (pilot cassava 100)	AMP-JPN	202.59
	Maize seed production Cluster	AMP-MZD	374.71
	Soursop Production Cluster	AMP-SSP	225.26
Grand Total			**2,514.75**

This report provides a detailed overview of the ATDP investment across various agricultural production clusters in the districts of Batticaloa and Ampara. The data highlights the allocation of funds in Million LKR for each cluster and presents the overall investment totals. The total ATDP investment across all clusters amounts to 2,514.75 Million LKR. The Cavendish Banana production cluster has received the highest investment (344.31 Million LKR), indicating a strong focus on enhancing banana production in this region. Other significant investments include the Cucumber Production (260.95 Million LKR) and Pomegranate Production (199.10 Million LKR) clusters, showing a diverse agricultural development strategy. The Dry Chili Production Cluster leads with an investment of 384.66 Million LKR, reflecting the importance of chili production in Ampara. Other notable investments include the Maize seed production Cluster (374.71 Million LKR) and the Jumbo peanut Production (202.59 Million LKR). By allocating substantial funds to specific clusters, the program aims to boost yields, improve quality, and ensure sustainable farming practices. The emphasis on high-value crops like bananas, chili, and maize reflects an alignment with market demands and the potential for increased farmer income.

4.4.1 Production Data of ATDPs

Location	Expected Yield (Mt/Ac/Yr)	Actual Yield (Mt/Ac/Yr)	COP (Rs/kg)	Price (Rs/kg)	Existence of an agreement with a buyer	Buyers	Marketing channel	Remarks
BTC-CCMB	20	13	31.26	750.00	Yes	Hayleys PLC	Through PUC and Hayleys PLC - total production is exported	
BTC-GCL	7	8	37.32	70-355	No		Direct Market and middle men	
BTC-DCL	20	6	160.00	800-1500	No		Direct Market and middle men	
BTC-GNT1	0.7	1.7	134.00	420-550	No		PUC, Direct Market and middle men	Recently started
BTC-GNT2	0.7	1.65	119.30	370-500	No		PUC, Direct Market and middle men	Recently started
BTC-CBNA	20	56	17.00	82.00	Yes	Dole Lanka	PUC and direct market	
BTC-PMGT1	18	Recently started harvesting	Recently started harvesting	Recently started harvesting	No	Cargills	PUC and direct market	520 kg for 1/2 Acre from one farmer. Recently started harvesting
BTC-PMGT2	18	Recently started harvesting	Recently started harvesting	Recently started harvesting	No	Cargills	PUC and direct market	Recently started harvesting
AMP-DCL	20	19	160.00	800-1500	No		Direct Market and middle men	12 Pkts of MICH3 seeds sold
AMP-JPN	1	0.4	277.00	750.00	No	David Gram, CBL, Amal Gram, C.W. Mackie	Through PUC/ middle men	(In 2020- Cassava 30 Mt/Acre/ Yr Production)
AMP-MZD	0.66	0.45	750.00	1,000.00	No		Direct Market and middle men	

AMP-SSP	36	Recently started harvesting	Recently started harvesting	Recently started harvesting	Yes	Cap Organic	Recently started harvesting	Recently started harvesting and has not calculated the yield

This table provides an overview of the agricultural performance across various locations, highlighting expected and actual yields, costs of production (COP), market prices, and marketing channels utilized. The data highlights the performance and market strategies of each cluster. BTC-CBNA has indicated outstanding performance surpassing the expected yield. Although BTC-CCMB and BTC-DCL clusters fell short of their expected yields, they have achieved notable prices in the market, suggesting a strong demand for their produce despite lower production. Crop of BTC-PMGT1 and BTC-PMGT2 clusters are still in juvenile stage and a harvest has not yet produced. BTC-CBNA had a significantly lower COP (Rs. 17/kg), coupled with an impressive yield, offering a competitive advantage. BTC-GNT1 and BTC-GNT2 displayed the higher COP at Rs. 134/kg and Rs. 119.3/kg, respectively, which may affect profitability despite higher market prices leading to have lower competitive advantage. Price received by farmers in BTC-CCMB cluster is Rs. 750/ kg, suggesting very high profits as the COP is extremely low (Rs. 31.26/kg). It is also recommended to reduce reliance on middlemen by establishing direct sales channels. It was observed that there were significant achievements in yield performance at specific clusters while identifying areas for improvement in cost management and market access. Cavendish Banana Cluster, Cucumber cluster and Soursop Cluster have secured permanent buyers.

4.4.2 Exported Volumes of ATDPs

Year	Exported Volumes of Cucumber (Metric Tons)	Export Income (US$)
2019	5,133.00	15,399,000
2020	1,704.55	5,113,650
2021	1,143.00	3,429,000
2022	4,439.20	13,317,600
2023	2,140.00	6,420,000
2024	578.00	1,734,000

Cluster	Product	Exporter	Purchased Volume (Kg)	Purchased Price (Rs/Kg)	Destinations	# of shipments	Export Earnings US$
BTC-CCMB	Cucumber	Haylese	15,137,750	750	Middle East		52 Mil

The table includes data on annual exported volumes of cucumber in metric tons and the corresponding export income in US dollars. The year 2019 saw the highest exported volume of cucumbers at 5,133.00 metric tons, generating an export income of 15,399,000 USD. There was a significant decline in exported volumes to 1,704.55 metric tons, resulting in a corresponding drop in export income to 5,113,650 USD. The downward trend continued in 2021 with exported volumes further reducing to 1,143.00 metric tons and export income dropping to 3,429,000 USD. A recovery in export performance was observed in 2022, with exported volumes increasing to 4,439.20 metric tons and export income rising to 13,317,600 USD. Export volumes decreased again in 2023 to 2,140.00 metric tons, with export income amounting to 6,420,000 USD. The export data for cucumbers from ATDPs highlights fluctuations in both volumes and income over the six-year period. While there were strong performances in 2019 and 2022, other years experienced notable declines.

4.4 Status of PUC Establishment

Abbr.	Name of PUC	Registered Date	Number of farmers	Number of Shareholders	% of farmer shareholders	Share Capital Raised	Income of the PUC (Rs.) - as at 15 Nov 2024	Remarks
BTC-CCMB	Vakarai Green Agro Ltd	2023.03.20	466	127	27%	640,000.00	243,000.00	
BTC-DCL	Kannaki Ceylon Agro	2023.03.17	100	31	31%	155,000.00		
BTC-GCL	Neithal KLV Marketing	N/A	100	N/A	N/A	N/A		PUC not registered
BTC-GNT1	Kathiravan Agro Products Limited	2023.03.17	134	106	79%	830,000.00	934,000.00	
BTC-GNT2	KMK Agro Product Limited	2023.03.22	100	81	81%	405,000.00	4,956,170.00	

BTC-CBNA	Porathevu Pattu Agro Paradise Banana Ltd	2023.08.02	400	188	47%	1,690,000.00	1,241,781.00	
BTC-PMGT1	Kaluwanchikudi Agri Village Ltd	2023.10.21	150	116	77%	338,010.00	593,430.00	
BTC-PMGT2	Sun East Pomegranate Agro Ltd	2023.04.01	107	60	56%	600,000.00		
AMP-DCL	Ek Galoya Pioneer Agro Ltd	2024.01.30	80	47	59%	285,000.00	20,500.00	
	Sangaman Agro Ltd	2024.02.22	190	94	49%	470,000.00	346,500.00	
AMP-JPN	Pasumthalir Agro Product Ltd	2023.03.17	600	346	58%	1,730,000.00		
AMP-MZD	Digawewa Agro Ltd	2024.08.17	200	53	27%	265,000.00	5,400.00	
AMP-SSP	Lakefront Agro Ltd.	2024.01.24	120	88	73%	440,000.00	1,316,478.00	
	Digamadulu Agri Business Limited	2023.03.17	210	75	36%	375,000.00	950,600.00	

The table shows the status of PUCs in Eastern provinces providing an overview of the performance of PUCs. It highlights the data related to shareholder representation, share capital raised, and income of registered PUCs.Many PUCs exhibit varied levels of farmer participation, with percentages of farmer shareholders ranging from 27% (e.g., Vakarai Green Agro Ltd) to 81% (e.g., KMK Agro Product Limited). Neithal KLV Marketing remains unregistered, affecting its ability to formalize operations. KMK Agro Product Limited generated the highest income at Rs. 4,956,170.00 while Paradise Banana Ltd and Lakefront Agro Ltd also demonstrated strong financial performance, earning Rs. 1,241,781.00 and Rs. 1,316,478.00, respectively. Paradise Banana Ltd has raised the highest share capital of Rs. 1,690,000.00. Digawewa Agro Ltd reports low income despite its registered base.

Farmer Shareholder Engagement should be enhanced by increase efforts to boost shareholder participation, particularly in PUCs with low percentages. Inactive or underperforming PUCs like Kannaki Ceylon Agro and Digawewa Agro Ltd should be supported to enhance operations. PUCs such as Kaluwanchikudi Agri Village Ltd. should focus on improving profitability as it is with high farmer engagement but low income. Formal registration of entities like Neithal KLV Marketing as a PUC is encouraged to ensure compliance and operational expansion.

4.5 Training and Capacity Building of Beneficiaries

Cluster	GAP		FPO/ Technical Training		PUC training		FBS		
	# of Trainings	# of Beneficiaries	# of Trainings	# of Beneficiaries	# of Trainings	# of Beneficiaries	# of Trainings	# of Beneficiaries	% of participation
BTC-CCMB			2	60	3	482			
BTC-GCL			1	89	2	172			
BTC-DCL					N/A	N/A			
BTC-GNT1			3	119	2	158			
BTC-GNT2			3	119	2	150			
BTC-CBNA			2	51	2	222	80	387	70%
BTC-PMGT1			2	63	4	118	60	199	66%
BTC-PMGT2			1	20	2	54			
AMP-DCL	1	20	8	157			19	110	65%
AMP-JPN	1	35	2	55	2	142	122	611	59%
AMP-MZD					N/A	N/A			
AMP-SSP	1	20	1	85	2	115	43	200	57%

The table outlines the training activities conducted across various clusters, focusing on GAP (Good Agricultural Practices), FPO/Technical Training, PUC training, and FBS (Farm Business School). The report also provides insights into the number of training sessions, beneficiaries, and participation rates. BTC-CBNA and BTC-PMGT1 have been provided with the most comprehensive training programs, covering FPO/Technical Training, PUC Training, and FBS sessions. Multiple types of training have been conducted for clusters like AMP-DCL and AMP-JPN with variation in participation rates. Highest participation rate at 70% has shown by BTC-CBNA while BTC-PMGT1 has shown 66% participation rate for FBS training. AMP-SSP and AMP-JPN clusters had moderate participation rates at 57% and 59%, respectively in FBS training. Farmers of BTC-DCL and AMP-MZD have received any trainings. FBS training was particularly active in clusters like AMP-JPN and BTC-CBNA, while GAP training was limited to a few clusters (e.g., AMP-DCL, AMP-JPN, and AMP-SSP).

As the number trainings related to GAP was very limited, it is recommended GAP training sessions should be increased across more clusters, emphasizing its importance for sustainable farming practices. Measures should be taken to address challenges in clusters with lower participation rates by improving outreach, addressing logistical and transport barriers, and possibly tailoring training content to farmer needs. Equitable skill development across all clusters should be emphasized so that farmers in BTC-DCL and AMP-MZD would be integrated in to training programs. FBS training should be scaled up to empower more farmers with business management skills.

4.6 SUSTAINABILITY INITIATIVES

01	**Compost making**	Pomegranate - Chenkalady & Kalavanchikudy, Batticaloa	Machineries were provided.
		Cavendish Banana, Batticaloa	Machineries were provided.
		Hybrid maize Seed, Ampara	Machineries were provided.
		Jumbo Peanut & Dry Chili clusters, Ampara	Machineries were provided.
02	**Cold Room Facility**	Jumbo Peanut cluster, Ampara	Provided. Being Installed
03	**Installation of Solar Rooftop PV systems**	Jumbo Peanut & Dry Chili clusters, Ampara	15 kW Solar PV System - Being installed.
		Hybrid maize Seed, Ampara	10 kW Solar PV System - Being installed.

The provision of machinery for compost making and crop cultivation reduces manual labor and enhances productivity, promoting efficient resource utilization and reducing agricultural waste. Cold storage facilities ensure the preservation of produce, minimizing post-harvest losses and supporting local market stability. The installation of solar rooftop photovoltaic systems not only lowers dependence on fossil fuels but also reduces energy costs, ensuring long-term economic viability and environmental conservation. Collectively, these efforts contribute to building resilient agricultural systems, fostering self-sufficiency, and promoting eco-friendly practices in the area.

CHAPTER 05: CONCLUDING REMARKS

- Progress of Infrastructure Development is satisfactory specifically with respect to processing centers, market access roads, irrigation systems, and elephant fences. While most activities are operational, the remaining activities are expected to be completed by the end of December 2024.
- Highest allocation and cost are recorded related to ATDP development.
- Most of the crops in clusters have yielded to their full potential as estimated. However, farmers seem to earn substantial profits as the difference between cost production per kilogram and the price received per kilogram is considerably high.
- Yield and cost performance vary across clusters, emphasizing the need for strategic cost management and direct market access to enhance profitability.
- With the exception of a few clusters, all others are performing satisfactorily. Most of their produce is sold through middlemen. Many PUCs have struggled to establish satisfactory linkages with buyers or reputable companies. Only cucumber is exported. More than 15000 metrics tons have been exported.
- Almost all the PUCs have completed their registration. Members have purchased shares, with ownership ranging from 0% to 90%. Shareholder base is not commendable in most of the PUCs.
- Participation of beneficiaries in training programs is below 70% in FBS training.
- Only three training sessions on GAP have been carried out

- The overall financial progress is commendable, particularly in road construction and irrigation infrastructure, where major clusters have achieved over 80% progress. Despite some discrepancies between awarded and actual expenditures, strong budgetary control has been maintained, with most projects nearing completion.
- Although fluctuations in cucumber export volumes and income over recent years underscore the need for improved consistency in export strategies to capitalize on market opportunities, the contribution to export by the ASMP is commendable.
- Strengthening farmer shareholder participation and formalizing unregistered PUCs are vital to enhancing operational efficiency and profitability.

Annex 1: Infrastructure Details

Province	District	Cluster	Type of Infrastructure	Direct Beneficiaries	Location	Proposed		Actual		Construction Stage	Estimated Value (with Tax)	Awarded Value (with Tax)	Actual Value (with Tax)	Deviations	Remarks
						Start Date	Completion Date	Start date	Completion Date						
CP	Batticaloa	Ground Nut	**Processing centre** - Construction of a Store for Storing Agriculture Inputs. Machinery and Equipment in Karadiyanaru	100	Karadiyanaru	18-Aug-21	15-May-22	18-Aug-21	14-Feb-22	Functioning	31,320,000.00	28,784,268.00	26,508,278.46	The contractor has terminated the the contract.	Handing over cvertificate dated 2023.05.29 is available
			Processing centre - Balance Work of Construction of a Store for Storing Agriculture Inputs. Machinery and Equipment in Karadiyanaru	100	Karadiyanaru	04-Oct-23	03-Apr-24	04-Oct-23	08-Oct-24	Functioning	29,900,000.00	28,922,459.75	30,386,045.56	Balance works	Handing over cvertificate dated 2024.10.08 is available
			Processing centre - Construction of a Store for storing Agriculture inputs, Machinery and Equipments in Kathiraveli Cluster	100	Kathiraveli	16-Sep-19		16-Sep-19	30-Dec-20	Functioning	16,200,000.00	16,173,668.03	15,284,875.24		
			Processing centre - Additional Works for the Construction of Groundnut Processing Centre in Kathiraveli Clust	100	Kathiraveli			14-Jun-21		Functioning	3,240,000.00	2,630,121.78	1,296,930.51		
			Processing centre - Balance Work for the construction Groundnut Processing Center in Kathiraveli Cluster	100	Kathiraveli			17-Jun-22	16-Sep-22	Functioning	3,240,000.00	3,095,128.96	2,990,208.16		
			Road Farm and Market Access road in Karadiyanaru - 2.5 Km	400	Karadiyanaru	15-Feb-22	17-May-22	15-Feb-22		Functioning	11,880,000.00	9,901,094.05	10,036,131.42		
			Road Farm and Market access road in Mavilaru in Karadiyanaru Cluster - 3.0 Km	450	Mavilaru	15-Feb-22	17-May-22	21-Feb-22		Functioning	17,820,000.00	12,638,608.04	15,622,243.72		

			Road -Improvement of farm and market access road in ullalay in kathiraveli cluster -0.95 Km (Concrete)	100	ullalay			28-May-19	02-Mar-20	Functioning	15,660,000.00	14,149,922.00	12,637,284.67		
			Road -Improvement to Farm Access Road Periyakallarippu in Kathiraveli Cluster Pilot - 2.5 km	500	Kathiraveli			22-Nov-19	03-Jul-20	Functioning	24,840,000.00	22,722,837.35	17,472,213.05		
			Road -Improvement to Farm Aceess Road Vammiveduwan and vaharai Area in Kathiraveli - 2.8 km	500	Vmmiveduwan			10-Mar-20	25-Aug-20	Functioning	21,060,000.00	19,320,916.42	19,320,916.22		
			Road -Farm and Market Access Road in Mankerny in Kathraveli Cluster 2 Km	400	Mankerny			23-Jul-20	12-Nov-20	Functioning	14,040,000.00	12,527,780.76	12,256,514.85		
			Road -Farm and Market Access Road Puthur in Kathraveli Cluster - 2.4 Km	450	Kathiraveli			23-Apr-20	09-Nov-20	Functioning	15,660,000.00	14,421,987.90	13,694,746.16		
			Road -Farm and Market Access Road in Farm Colony in Kathiraveli Cluster - 2.25 Km	400	Kathiraveli			23-Apr-20	28-Oct-20	Functioning	16,200,000.00	14,064,105.60	14,029,777.57		
			Road - Farm and Market Access Road in Mavadiodai in Kathiraveli Cluster - 2.2 Km	400	Mavadiodai			13-Jul-20	11-Jan-21	Functioning	13,500,000.00	12,240,912.02	12,239,205.41		
			Road - Farm and Market Access Road in Uriankattu in Kathiraveli Cluster - 2.2 Km	400	Uriankattu			13-Jul-20	03-Jul-21	Functioning	13,500,000.00	12,001,350.18	11,869,467.40		
			Road - Farm and Market Access Road in Kayankery in Kathiraveli Cluster - 2.4 km	400	Kayankery			18-Aug-20	11-Nov-20	Functioning	13,500,000.00	12,371,529.60	12,236,487.95		
			Road - Improvement to Farm and Market access road in	400				17-Dec-21	15-Mar-23	Functioning	21,060,000.00	19,472,428.45	16,992,045.69		

		Palchchenai in Kathiraveli Cluster - 2.25 Km												
		Road -Construction of additional Culverts to Puthur, Uriyankattu and Vammivedduwan farm and market access roads in Kathiraveli Cluster - 05 Nos	200	Kathiraveli			09-Dec-21	07-Apr-22	Functioning	5,400,000.00	4,491,402.12	4,491,112.34		
		Irrigation - Construction of Agro Well -06 Nos	20				20-May-19	25-Jul-20	Functioning	9,720,000.00	8,592,813.85	8,147,311.33		
		Irrigation - Construction of Bridge -16 bays Box Type	400				28-Dec-18	18-Dec-19	Functioning	17,280,000.00	15,748,119.80	14,658,919.20		
		Irrigation - Improvement to Sethukuda Road (0.00-2.5 Km) in kathiravely	500	Kathiraveli			07-Nov-18	18-Nov-19	Functioning	15,120,000.00	13,608,817.79	12,366,766.32		
		Irrigation - Construction of Additional Culverts to in Sethukudah and Ulalai in Kathiraveli Cluster-6 Nos	300	Sethukudah and Ulalai			05-May-22	02-Sep-22	Functioning	5,400,000.00	4,820,507.23	4,732,368.46		
		Irrigation - Construction of 5 Nos of Agro Wells in Ulalai and Sethukuda in Kathiraveli Cluster		Sethukudah and Ulalai			10-May-21		Functioning	9,720,000.00	8,520,383.68	242,410.43		
		Irrigation - Balance Work for the construction of Agrowell in in Sethukudah and Ulalai in Kathiraveli Cluster -05 Nos	15	Sethukudah and Ulalai			30-Jun-22	23-May-23	Functioning	9,180,000.00	8,346,729.79	8,592,196.49		
		Elephant Fence- Elephant Protection fence in kathiraveli cluster -09 Km	200	Kathiraveli			28-Nov-18	07-Oct-19	Functioning	8,100,000.00	7,460,670.02	7,392,228.63		

		Elephant Fence-Constuction of additional works to Elephant Protection Fence in Kathiraveli Cluster-4.8 Km	100	Kathiraveli			17-May-22	18-Jul-22	Functioning	5,400,000.00	5,694,433.15	4,991,462.95		
	Promegranate - Chenkalady & Kalavanchikudy	**Processing & Marketing centre -** Construction of collection Center for Pomegranate Cluster in Thalava	100	Thalava	18-Apr-23	17-Jul-23	25-Apr-23	10-Aug-23	Functioning	9,200,000.00	9,043,531.85	10,285,031.44	With Variations	Handing over cvertificate dated 2024.8.28 is available
		Processing & Marketing centre - Construction of Processing Center for Pomegranate Cluster in Kaluwanchikudy	100	Kaluwanchikudy	01-May-24	30-Aug-24	02-May-24		Ongoing	17,700,000.00	49,669,792.70	34,695,087.90		Payment can be settled before 31st December.
		Road -Farm access roads in Thalavai - Eravur pattu-1.6 Km	150	Thalavai - Eravur pattu	18-Apr-23	17-Jul-23	20-Apr-23		Functioning	12,650,000.00	9,881,735.93	13,524,782.88	With Variations	
		Road -Farm access roads in Kaluwanchikuddy Pomegranate Cluster -MS &EP-1.03 Km	200	Kaluwanchikuddy	22-Mar-23	21-Jun-23	28-Mar-23		Functioning	8,050,000.00	7,766,812.50	7,766,812.50		
		Irrigation - Solar irrigation systems - 7 nos.	22				11-Jul-23	01-Nov-24	Functioning		10,239,600.00	10,239,600.00		
	Cavendish Banana - Malayarkuttu	**Processing Centre** - Construction of Processing Center with Machinery Park for Banana Cluster in Malayarkattu	500	Malayarkattu		25-Jul-24			On-going	171,100,000.00	201,037,764.84	27,044,950.36		13% finance Progress
		Processing Centre - Rehabilitating the Existing Building as the Cluster Processing Center of Cavendish Banana in Batticaloa.	100		07-May-24	05-Aug-24	07-May-24		Functioning	9,440,000.00	9,676,000.00	9,440,065.44		

		Road - Farm and Market access roads in Malayarkattu - Vellavely -1 Km	200	Malayarkattu			22-Mar-23		Functioning	23,000,000.00	22,426,265.00	25,063,293.28		
		Road - Farm and Market access roads in Palayadivettai - Vellavely-1.3 Km	250	Palayadivettai	22-Mar-23	21-Jun-23	22-Mar-23		Functioning	20,700,000.00	20,616,740.00	20,864,821.65		
		Road - Farm and Market access roads in Thikkodai - Vellavely- 0.7 Km	150	Thikkodai			22-Mar-23		Functioning	9,200,000.00	9,430,000.00	10,856,075.26		
		Irrigation - Construction of 30 Nos Common Agro Wells in Malayarkattu Banana Cluster at Vellavely DS Division	75				17-Jan-23		Functioning	55,200,000.00	54,710,013.18	24,452,040.49		
		Irrigation - Construction of 35 Nos of Agro wells for Banana Cluster in Malayarkattu, Batticaloa Distric	75	Malayarkattu	01-Aug-24	30-Sep-24	23-Aug-24		On -Going	36,281,766.80	28,906,224.00	27,015,619.59		
Ampara	Dry Chili & Jumbo Peanut	**Processing centre** - PConstruction of Dry Chili Processing Centre in Komari Cluste		Komari	22-Apr-24		22-Apr-24		On -Going		48,518,927.30	15,981,857.01		33% financial progress. However more than 90% physical progress
		Road - Farm and Market access road in Udumpankulam in Cassava Cluster - 3.5 Km		Udumpankulam			21-Mar-22	10-Dec-22	Functioning		14,193,300.00	14,359,467.20		
		Road - Farm and Market access road in Sagamam in Cassava Cluster - 1.5 Km					17-Mar-22	15-May-22	Functioning		2,128,678.13	2,011,390.56		
		Irrigation - Solar irrigation Systems - 10 nos.		Thirukkovil			11-Jul-23	01-Nov-24	Functioning		14,628,000.00	14,628,000.00		

	Dry Chili - Damana & Kirawana	**Processing Centre** - Construction of Dry Chili Processing Centre in Ekgaloya	80	Ekgaloya			01-Oct-24		On -Going		14,156,637	2,399,430.00		17% Financial Progress while 50% physical progress
		Irrigation - Construction of Tube well with solar Water Pumps, Kirawana	30	Kirawana			01-Aug-24		Functioning		14,516,000	2,903,200.00	Cost reduction is due with low water yield	Though there is a 20% financial progress, the job was completed very recently.
		Irrigation - Solar irrigation systems -3 nos.	10	Damana			11-Jul-23	01-Nov-24	Functioning		4,388,400	4,388,400.00		
	Soursop Pallegama & Uhana	**Processing centre** - Construction of Sour sop Processing Centre in Uhana soursop Cluste	150	Uhana		08-Nov-24								The work was withheld. Contractor is not willining to commence the job.
		Processing centre - Minior repairs to Pallegama building	150	Pallegama				06-Dec-24	Functioning		208,000.00	208,000.00		Workers did due minor repairs voluntarily.
		Irrigation - Solar irrigation systems - 14 nos.	50				11-Jul-23	01-Nov-24	Functioning		20,479,200.00	20,479,200.00		
	Hybrid Maize Seed	**Processing** - Construction of maize processing center with storing facility for maize seeds production cluster in Ampara District	200	Ampara			01-Oct-24		On -Going		30,034,593.10	7,453,532.28		
		Irrigation - Solar Irrigation systems - 9 nos.	60				11-Jul-23	01-Nov-24	Functioning		13,165,200.00	13,165,200.00		

Annex 2: ATDP Farmer Inputs

Province	District	Cluster Name	Item	Targeted units	Units distributed
EP	Batticaloa	BTC-CCMB	Vertical trills system		4000
			Micro irrigation system for cucumber		500
			PVC pipe (6'' radius 40' length) for installation of tube wells		1000
			Supply of Plastic crates		10000
			Water pumps		500
			Farm 4W tractor with implements (1 Nos of Disc plough, 1 Nos of Disc harrow, 1 Nos of Tine tiller, 1 Nos rotavator and 1 Nos of trailer)		1
		BTC-GCL	Plastic crats		200
			Nursery tray		2000
		BTC-DCL	Electric water pumps		
			Insect proof nets		3800 LM
			Sprinkler irrigation system		100
			Low-pressure mini sprinkler irrigation systems and drip tape for pomegranate/ chili cultivation		150
			10Kg Chili seeds (MICH Hy 1)		10
			Fluorescent yellow colour sticky cards/traps		16000
			Vertical trellis for 200 farmers (GI pipe 1"x 1.6mm x 19 ft long) and cutting & welding in to 7.8 ft each (10000 pies) and ropes + Poly Yarn.		200
		BTC-GNT1	Lime plants		10000
			Micro irrigation system for Groundnut (sprinkler irrigation set for 100 ac		100
			seeder-1, threasurer-1, grader machine-1		1
			Intercultivater		20
			water pumps		100
			Plastic crates		200
			Decorting Machin		1
			Supply of 8000 Kg Gypsum		8000 kg
			farm tractor with Disc plough & tiller		1
			Ground nud digger machine		1
			Life fencing by Lime planting Elephant protection (10000 plants)		10000
		BTC-GNT2	Ground nut harveting digger machine		1
			Supply of 8000 Kg Gypsum		8000 kg
			seeder-1, Podremover-1, grader machine-1 and Decorting-1		1
			supply of Sprinkler units		100
			water pump		100
			Procurement of Groundnut seeds		
			Ground nut seeds - Thangavelauthpuram in Ampara		4000
			supply of Plastic crates -200 nos for groundnut		200
		BTC-CBNA	Irrigation systems (Engine operated water pumps)		26
			Tussue culture banana plants		75000
			Polymulch		120000 LM
			Hybrid chili seeds		35 kg
			Intercultivator		20
			Foot covering bags for banana cultivation		200000
			Weighin and packing conveyor		2
			Drain conveyor		2
			Air drying conveyer		2
			Disc pathc roller conveyer		2
			Preliminery washing units		2
			Chemical treatment tank 2		2
			Weighn and packing tables		20
			Mannual pallet truck		2
			Plastic crates		6000
			Bunch covering bags		100000
			Mini sprinkler irrigation with drip tape		150
			Polymulch		120000 LM
			Yellow sticky cards		15500
			Plastic nursary trays		6500
			Polymulch for banana and chili		160000 LM

			Ladders		350
			Wheelbarrows		500
			Low-pressure mini sprinkler irrigation systems and drip tape		200
		BTC-PMGT1	Layered plants		42000
			Intracultivar		30
			Low-pressure mini sprinkler irrigation systems and drip irrigation		150
			Plastic pallets		100
			Plastic crates		1000
			Bed formers		5
		BTC-PMGT2	Rain horse irrigation systems		50
			Low pressure mini sprinkler irrigation systems		200
			Micro sprinkler irrigation system		100
			Phosporic acid		3440 L
			Bed formers		4
			Plastic nursary trays		22320
			Insect proof nets		20000 LM
	Ampara	AMP-DCL	Ground nut seeds for Chili cultivation - Komari Cluster in Ampara		6000 kg
			Electric water pumps for chili project		300
			Chili grinind machine - Project in Komari		2
			Chili powder packing machine 0 Komari		2
			Continues band sealer machine		2
			Granular weighin and filling machine		2
			Date and batch coding machine		2
			Polymulch		480,000 LM
			Galvenized iron pipes		5700
			Yellow sticky cards		48000
			Drip irrigation system		300
		AMP-JPN	Mini intercultivator for JPN cultivation Thirakkovil		20
			Sprinkler irrigation sysm for JPN - Project in Thirukkovil		500
			Mini intercultivator for JPN cultivation Thirakkovil		40
			Jumbo peanut seeds - Thirukkovil		12000 kg
			Gypsem fertilzer		24000 kg
			Wheelbarrows for jumbo peanut		500
			Sprinkler irrigation system for Cassava project in Ampara		100
			Spray jet-miro sprinkler irrigation systems - cassava Ampara		100
			Wheelbarrows for Cassava		200
			Planting materis for cassava cultivation		386000
			Power weeders for cassava		200
			Sub-soiler for Cassava		1
			Double action disc harrow - Cassava		1
		AMP-MZD	Seeders, intercultivators for Maize seed		60
			Sprinkler irrigation system		250
			Electric water pumps		50
			Polysealer - 12"		6
		AMP-SSP	Sprinkler irrigation systems		100
			Plastic palltes		10
			Plastic crates		100
			Washing tanks		3
			Compost fertilizer		100000 kg
			Intercultivators - Padiyathalawa		20
			Plastic crates		1000
			Sprinkler irrigation systems		100
			Sprinkler irrigation systems		100
			Engine operated water pumps		100
			Soursop plants		20000 nos
			Engine operated water pumps		100
			Secateurs for soursop		100
			Turmeric Rhizomes seeds		20000kg

Annex 3: PUC Assets

Province	District	Cluster	Processing Machinery		Compost Making		Office Assets		
			Machinery Item	Cost - LKR	Item	Cost - LKR	Asset Item	Cost - LKR	
EP	Batticaloa	Ground Nut - Kathiravan Agro Product Ltd	Ground Nut Decorticator - 2 sets	3,948,700.00			Conference Table with Six Chairs - 2 sets	312,000.00	
							Executive Table - 2 sets	42,984.00	
							Clerical Table - 2 nos. - 2 sets	64,800.00	
							Office Chairs - 3 nos. - 2 sets	142,560.00	
							Steel Cupboard - 2 sets	35,800.00	
							Laptop Computer with Bag - 2 sets	615,000.00	
							Printer - 2 sets	83,800.00	
							Multimedia Projector - 2 sets	230,000.00	
							Plastic Chairs - 100	130,000.00	
							Plastic Tables - 3 nos.	11,400.00	
							Electric scales	59,600.00	
			Total	3,948,700.00		-		1,727,944.00	5,676,644.00
		Ground Nut - KMK Agro product Ltd	Electric Balance	59,600.00			Conference table	156,000.00	
							Executive Table	21,492.00	
							Clerical Table - 2nos.	32,400.00	
							Office Chairs - 3 nos.	71,280.00	
							Steel Cupboard	35,638.00	
							Laptop Computer	205,000.00	
							Printer	41,900.00	
							Multimedia Projector	115,000.00	
			Total	59,600.00		-		678,710.00	738,310.00

		Pomegranate - Sun East Pomegranate	Plastic Crates - 1000 nos.	4,218,200.00	Multi chopping machines -	499,100	Conference table	156,000.00
			Plastic Pallets - 10 nos.	270,250.00	Compost Sieve	1,395,900	Executive Table	21,492.00
							Clerical Table - 2nos.	32,400.00
							Office Chairs - 3 nos.	71,280.00
							Steel Cupboard	35,638.00
							Laptop Computer	205,000.00
							Printer	41,900.00
							Multimedia Projector	115,000.00
				4,488,450.00		1,895,000		678,710.00	7,062,160.00
		Pomegranate - Kaluwanchikudi Agri	Sorting & Packing Conveyor	2,424,370.72	Multi chopping machines -	499,100.00	Conference table	156,000.00
			Smart Weighing System	1,109,750.00	Compost Sieve	1,395,900.00	Executive Table	21,492.00
			Weighing & Packing Tables (4 nos.)	1,769,292.74			Clerical Table - 2nos.	32,400.00
			Pallet Truck	242,576.56			Office Chairs - 3 nos.	71,280.00
			Plastic Crates - 1000 nos.	4,218,200.00			Steel Cupboard	35,638.00
			Plastic Pallets - 30 nos.	810,750.00			Laptop Computer	205,000.00
							Printer	41,900.00
							Multimedia Projector	115,000.00
			Total	10,574,940.01		1,895,000.00		678,710.00	13,148,650.01
		Chili Production - Kannaki Ceylon Agri					Conference Table with six Chairs	156,600.00
							Executive Table	21,492.00
							Clerical Table	32,400.00
							Office Chairs	71,280.00
							Steel Cupboard	17,900.00

						Laptop Computer	205,000.00	
						Printer	41,900.00	
						Multimedia Projector	115,000.00	
		Total	-		-		661,572.00	661,572.00
		Cavendish Banana	Electric scale	29,800.00	Multi choppers	499,100.00	Conference Table with Four Chairs	156,000.00
			Plastic crates - 3000	12,654,600.00	Compost Sieve	1,395,900.00	Executive Table	21,492.00
			Plastic Pallets - 30 nos.	810,750.00			Clerical Table	32,400.00
			Mini Generator - 3 kW	119,500.00			Office Chairs	71,280.00
			Industrial Fans - 2 nos	69,000.00			Steel Cupboard	35,638.00
			Banana processing Tank	295,000.00			Laptop Computer with Bag	205,000.00
			Banana processing Tank - SS	490,000.00			Printer	41,900.00
							Multimedia Projector	115,000.00
							Plastic chairs - 10 nos.	33,000.00
			Total	14,468,650.00		1,895,000.00		711,710.00	17,075,360.00
		Green Cucumber					Conference Table with Four Chairs	156,000.00
							Executive Table	21,492.00
							Clerical Table	32,400.00
							Office Chairs	71,280.00
							Steel Cupboard	35,638.00
							Laptop Computer with Bag	205,000.00
							Printer	41,900.00
							Multimedia Projector	115,000.00
			Total	-		0		678,710.00	678,710.00
	Ampara	Hybrid Maize Seed	Maize Seed Grading cum cleaning machine	15,828,775.00	Multi choppers - 2 nos.	1,347,300.00	Laptop	205,000.00	

			Maize Seed Dryer	12,757,594.00			Conference Table with chairs	156,000.00	
			smart Weighing system	850,000.00			Clarical Tables - 2 nos	32,400.00	
			Polythene Sealer - 2 nos.	40,000.00			Executive Table	21,492.00	
			Maize cob thresher machine	1,515,000.00			Chairs - 3 nos.	71,280.00	
			Grain Moisture Anyalzers - 4 nos.	696,560.00			Steel cupboard	35,640.00	
			Shopping carts - 10 nos	257,142.86			Multimedia projector with screen	115,000.00	
			Plastic crates						
			Total	31,945,071.86		1,347,300.00		636,812.00	33,929,183.86
		Dry Chili - Ekgaloya	Heat Pump dryer	11,643,750.00			Office Laptop	205,000.00	
							Multimedia Projector& screen	115,000.00	
							Steel Cupboard	35,640.00	
							Clarical Table - 2 nos.	32,400.00	
							Office Chairs (3 nos.)	71,280.00	
							ExecutiveTable	21,492.00	
							Conference Table & chairs (4 nos.)	156,000.00	
			Total	11,643,750.00		-		636,812.00	12,280,562.00
		JPN & Dry Chili	Heat Pump dryer	11,643,750.00	Multi chopper	449,100.00	Laptop - 2 nos	410,000.00	
			Chili grinding machines - 2 nos.	1,357,000.00	Multi choppers -3 nos.	1,347,300.00	Steel cupboard	35,640.00	
			Cold Room	12,728,963.26			Multimedia projector	115,000.00	
			Deshelling grading & separation line	1,854,397.14			Executive table	21,492.00	
			JPN decorticator machine	1,516,300.00			Executive Chair - 3 nos	71,280.00	
							Manager table - 2 nos	32,400.00	
							Printer	41,900.00	
							conferences table & chairs (4 nos.	156,000.00	

							Plastic chairs - 100 nos	250,000.00	
			Total	29,100,410.40		1,796,400.00		1,133,712.00	32,030,522.40
		Soursop - Lake Front Agro							
			Pulp Making Machines	2,733,333.33	Compost Siever	1,300,000.00	Laptop	205,000.00	
			Electric Jacket Kettle - 2 nos.	5,250,000.00			Clerical table (2nos.)	32,400.00	
			Smart Weighing System	1,240,500.00			Executive table	21,492.00	
			Weighing & packing tables - 6 nos	540,000.00			Conference table with four chairs	156,000.00	
			Shopping carts - 20 nos	514,285.71			Chair - 3 nos.	71,280.00	
			D- freezer machines - 2 nos	1,366,666.67			Steel cupboard	17,900.00	
							Printer(canon)	41,900.00	
							Multimedia projector and handle	115,000.00	
			Total	11,644,785.71		1,300,000.00		660,972.00	13,605,757.71
		Soursop - DigamadaluAgri Business							
			weighing Scale	22,000.00	Multi choppers - 3 nos.	499,100.00	Laptop	410,000.00	
			Pulp Making Machines	2,733,333.33	Sieving machine s- 3 nos.	1,395,900.00	Clerical table (2nos.)	32,400.00	
			Electric Jacket Kettle - 2 nos.	5,250,000.00			Executive table	21,492.00	
			Smart Weighing System	1,240,500.00			Conference table with four chairs	156,000.00	
			Weighing & packing tables - 6 nos	540,000.00			Chair - 3 nos.	71,280.00	
			Shopping carts - 20 nos	514,285.71			Steel cupboard	17,900.00	
			D- freezer machines - 2 nos	1,366,666.67			Printer(canon)	41,900.00	
							Multimedia projector and handle	115,000.00	
			Total	11,666,785.71		1,895,000.00		865,972.00	14,427,757.71
Total				129,541,143.70		12,023,700.00		9,750,346.00	151,315,189.70