

Republic of Kenya



Government of Makueni County



NAVCDP
National Agricultural Value Chain Development Project
Transitioning from Subsistence to Commercial Farming

NATIONAL AGRICULTURAL VALUE CHAIN DEVELOPMENT PROJECT MAKUENI COUNTY COORDINATION UNIT

MAKUENI NAVCDP PROGRESS REPORT.





List of Acronyms

ABCs	Aggregation Business Centres
AHA	Animal Health Assistant
AMTECH	Agricultural Management Technology (Digital Service Provider)
B2B	Business to Business
BQs	Bills of Quantities
CAPs	Community Action Plans
CBFs	Community Based Facilitators
CDDCs	Community Driven Development Committees
CDO	County Development Officer
CIGs	Common Interest Groups
CIDU	County Irrigation Development Unit
CIM	Christian Impact Mission
CPC	County Project Coordinator
CPCU	County Project Coordinating Unit
CPR	Comprehensive Project Report
CPSCD	County Project Steering Committee (Dairy)
CPSC	County Project Steering Committee
CTAC	County Technical Advisory Committee
CCEOs	County Cooperative Extension Officers
CDVS	County Director of Veterinary Services
EDPs	Enterprise Development Plans
ESF	Environmental and Social Framework
ESIA	Environmental and Social Impact Assessment
ESMPs	Environmental and Social Management Plans
ESS	Environmental and Social Safeguards
FFBS	Farmer Field and Business Schools
FLID	Farmer-Led Irrigation Development
FMD	Foot and Mouth Disease
FPOs	Farmer Producer Organizations
GBV	Gender-Based Violence
GMC	Government of Makueni County
GRM	Grievance Redress Mechanism

HACCP	Hazard Analysis and Critical Control Points
IFAD	International Fund for Agricultural Development
IWUAs	Irrigation Water Users Associations
KALRO	Kenya Agricultural and Livestock Research Organization
KIAMIS	Kenya Integrated Agricultural Management Information System
MAID	Market Access and Infrastructure Development
MCAPs	Micro-Catchment Action Plans
M&E	Monitoring and Evaluation
MoUs	Memoranda of Understanding
NAVCDP	National Agricultural Value Chain Development Project
NCPB	National Cereals and Produce Board
NEMA	National Environment Management Authority
NGAO	National Government Administrative Officers
NPCU	National Project Coordinating Unit
NTAC	National Technical Advisory Committee
PICD	Participatory Integrated Community Development
PMIS	Project Management Information System
POEs	Project Officers – Extension
PPP	Public Private Partnership
PWDs	Persons with Disabilities
RELO	Research Extension Liaison Officer
SACCOs	Savings and Credit Cooperative Organizations
SAICs	Social Accountability and Integrity Committees
SCTTs	Sub-County Technical Teams
SEA	Sexual Exploitation and Abuse
SLMCs	Sustainable Land Management Committees
SMSs	Subject Matter Specialists
SPS	Sanitary and Phyto-Sanitary
SPR	Summary Project Report
TIMPs	Technologies, Innovations and Management Practices
ToTs	Trainers of Trainers
VMGs	Vulnerable and Marginalized Groups
WSCs	Watershed Management Committees
WUAs	Water Users Associations

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Foreword

The County Government of Makueni remains steadfast in advancing a prosperous, value-driven society anchored on improved livelihoods and sustainable economic growth. Agriculture continues to be the backbone of this transformation, supporting food security, enterprise development, and income generation for thousands of households across the county.

The National Agricultural Value Chain Development Project (NAVCDP) represents a critical investment toward modernizing agriculture through climate-smart practices, strengthened market systems, and competitive value chains. Through this initiative, the county is accelerating the shift from subsistence production toward commercially viable and resilient agricultural systems aligned with our County Integrated Development Plan and national priorities.

This report captures key milestones achieved under the project, emerging opportunities, and lessons that will inform future programming. It reflects the collective commitment of government institutions, development partners, farmer organizations, and communities working together to drive inclusive growth.

I commend all implementing teams and partners whose dedication continues to translate policy into meaningful impact at the grassroots level. As a county, we remain committed to strengthening enabling policies, investing in innovation, and scaling successful interventions that uplift our farmers and rural economies.

It is my hope that this document will serve as a strategic reference that guides continued collaboration, informed decision-making, and sustained agricultural transformation.



H.E Mutula Kilonzo Junior, CBS
Governor, Makueni County

Preface



Elizabeth N. Muli

County Executive Committee Member

Department of Agriculture, Livestock, Fisheries and Cooperative Development
Makueni County

The National Agricultural Value Chain Development Project (NAVCDP) is a key instrument in advancing the county's agricultural agenda by promoting productivity, competitiveness, and inclusive participation across priority value chains. Implemented within the framework of county sector priorities, the project strengthens institutional systems while responding directly to the needs of farmers and agri-enterprises.

The Department of Agriculture provides strategic leadership and policy oversight to ensure that interventions remain aligned with county development goals, deliver value for resources invested, and uphold principles of accountability and sustainability. Through coordinated planning and implementation, the department continues to enhance extension services, market linkages, and value addition opportunities that support resilient farming systems.

This progress report provides an overview of implementation achievements during the reporting period, highlighting results realized, challenges encountered, and adaptive measures taken to improve performance. It also reflects the department's commitment to strengthening coordination among stakeholders and enhancing evidence-based decision-making.

As we move forward, the department remains focused on deepening partnerships, promoting innovation, and expanding opportunities that empower farmers, youth, and women to participate meaningfully in agricultural transformation.

It is anticipated that this report will contribute to improved planning, learning, and collaboration among policymakers, practitioners, and development partners engaged in advancing sustainable agriculture within the county.



acknowledgement

The successful implementation of the National Agricultural Value Chain Development Project (NAVCDP) reflects the dedication and collaboration of many institutions and individuals who contributed their expertise, time, and resources toward achieving shared goals.

We extend our appreciation to the National Government, particularly the State Department responsible for Agriculture and the National Project Coordination Unit, for their technical guidance and continued support throughout project execution. Development partners are equally acknowledged for their collaboration and commitment to strengthening agricultural development initiatives.

At the county level, sincere appreciation goes to the county leadership for providing strategic direction and enabling effective implementation of project activities. The County Project Coordination Unit, technical teams, and project staff played a vital role in coordinating field activities, managing data, and supporting the preparation of this report.

Special recognition is extended to Farmer Producer Organizations, extension officers, and community stakeholders whose active participation ensured that project interventions translated into tangible outcomes for farming households.

The collective effort demonstrated across all levels continues to strengthen agricultural value chains and advance sustainable livelihoods across the county.

Japheth Kiminza

Chief Officer, Livestock, Fisheries and Cooperative Development
Makueni County



CERTIFICATE OF RECOGNITION 2026

This Certificate Is Awarded To

Makueni County

For being the 3rd best performing in **Agripreneur Deployment and service efficiency** during the implementation of NAVCDP

The County demonstrated high levels of commitment, professionalism and innovation that were instrumental in driving the farming communities towards attainment of the two key project pillars of increased value addition and market access for priority value chains

Presented in February, of 2026

National Projector Coordinator (NPC)
(NAVCDP)

Task Team Leader
World Bank Group



REPUBLIC OF KENYA



Executive Summary

The Project is implementing an integrated, value chain driven and community led approach to strengthen agricultural productivity, market access, and institutional capacity among smallholder farmers in Makueni County. During the period FY 2023/24 to mid-FY 2025/26, substantial progress was achieved across all components, contributing to inclusive, climate-resilient, and market-oriented agricultural development aligned with national and county priorities.

Five priority value chains: Dairy, Apiculture, Poultry, Mango, and Tomato, were identified and mapped across all wards, enabling structured value chain planning and coordinated investments. Farmer profiling and digitization captured over 208,000 farming households, agro dealers and stockists into a centralized database hosted by KALRO, supporting evidence based planning and targeted service delivery. Through e-voucher systems, 64,582 farmers accessed subsidized inputs.

The Project operationalized Participatory Integrated Community Development in all wards, resulting in the establishment and strengthening of community institutions, including CDDCs, SAICs, SLMCs, SACCOs, FPOs and IWUAs. These institutions underpin governance, accountability, financial inclusion, natural resource management, and value chain organization. Thirty SACCOs were established and automated, mobilizing over KES 26 million in member savings and disbursing KES 7.7 million in loans, thereby expanding access to affordable agricultural finance.

At the value chain and market levels, targeted support to FPOs enabled enterprise development planning, climate-smart investments, and animal vaccination. Mango market linkages generated KES 13.26 million in direct income for farmers, while preparatory investments for a horticultural packhouse and farmer led irrigation pilots strengthened market access and climate resilience.

Project implementation was supported by functional coordination structures, monitoring and evaluation, compliance with environmental and social safeguards, including an operational grievance redress mechanism. Overall, the Project remains on track to achieve its development objectives and provides a scalable model for inclusive agricultural transformation in Makueni County.

1. Introduction



1.1. Background and Rationale

Agriculture is the primary economic activity in Makueni County and a critical driver of food security, employment, and household incomes. Despite its importance, the sector faces persistent challenges, including low productivity, limited access to markets and finance, climate-related risks, and weak farmer organization. These constraints disproportionately affect smallholder farmers, women, youth, and vulnerable and marginalized groups, limiting their participation in higher-value agricultural markets. In response, the Project was designed to support an integrated, inclusive, and climate-resilient agricultural development pathway aligned with national and county development priorities. The intervention adopts a value chain-driven and community-led approach, emphasizing institutional strengthening, market-oriented production, and the use of digital and data-driven solutions to improve service delivery and accountability.

The National Agricultural Value Chain Development Project (NAVCDP) is a five-year project launched in January 2023 and closes on 30th December 2027. The project is implemented in 34 counties, including Makueni County. The main implementing agency of the project is the Ministry of Agriculture, Livestock Development, and is anchored in the State Department for Crop Development at the national level. At the County level, it is implemented under the Department of Agriculture, Livestock, Fisheries and Cooperative Development. The Project Development Objective (PDO) is *“To increase market participation and value addition for targeted farmers in select value chains in the County”*. The Project builds on the strong foundation laid by NARIGP to transform the agriculture sector by focusing on smallholder farmers either “in transition” or just “transited” from subsistence to commercial farming. The transformative interventions are based on value chains prioritized by the farmers in the County.

The project performance indicators are:

1. Farmers reached with agricultural assets or services under the project, of which at least 50 percent are female
2. The percent increase in farmers selling more than 50% of their produce in the market
3. Percent increase in farmers selling produce in value-added form (both off-/on-farm)

1.2. Project County Coverage

Project activities were implemented in all 30 wards in the County and target 156,000 farmers with the potential to transition from subsistence to commercial farming. Other beneficiaries of the project include value chain actors at various levels, including extension workers, aggregators, logistics support providers, and SMEs operating within the target value chains.

1.3. Project Prioritized Value Chains

Five value chains, namely Poultry, Mango, Tomatoes, Dairy, and Apiculture, were covered in the county. The number of farmers profiled Mango, Chicken, Dairy, Tomato and Apiculture are 65,319, 22,041, 19,422, 1,833 and 780 respectively (Source: KIAMIS)

1.4. Project Components

The project has 4 components as follows;

COMPONENT 1: Building Producer Capacity for Climate Resilient, Stronger Value Chains.

The component supports Common Interest Groups (CIGs) or Venerable Member Groups (VMGs) and Farmer Producer Organizations (FPOs) as platforms for transition into commercialization.

This component has 3 sub components;

1. Farmer Capacity Building and E-Voucher Support
2. Farmer producer organization (FPO) level climate smart value chain investment
3. Improving Credit worthiness of CIGs and FPOs

COMPONENT 2: Climate Smart Value Chain Ecosystem Investments

The component focuses on supporting ecosystem investments identified as part of the County, Regional, and National Level value chain development plans.

This component has 4 sub components;

1. Farmer Led Irrigation Development (FLID)

2. Market access and infrastructure development
3. Data and Digital Investments
4. Research Linkages, Technical Assistance and Institutional Capacity

COMPONENT 3: Piloting Climate Smart Safer Urban Food Systems

The component supports the roll-out of Urban Food System pilots in Nairobi City and peri-urban areas. This component is therefore not implemented in Makueni.

COMPONENT 4: Project Coordination and Management

The component comprises Mainstreaming of Environmental and Social Safeguards and Gender, project implementation and structures oversight activities, ICT and communication, project monitoring and evaluation.

This component has 2 components;

1. Project Coordination and Management
2. Communication, Monitoring & Evaluation (M&E) and Information

1.5. Project Implementation Framework

The project is implemented through four structures at the county level, these are the County Project Steering Committee (CPSC), County Technical Advisory Committee (CTAC), County Project Coordinating Unit (CPCU) and Community Driven Development Committees (CDDC).

1.6 Project Funding

NAVCDP is co-funded by the World Bank and the Government of Kenya, with County Governments committing an annual counterpart funding of Kshs 5,000,000 for each Financial Year. As at 31st December 2025, cumulative contribution for IDA and counterpart (County) was Kshs 358,719,317.03 IDA and Kshs 20,000,000.00 respectively totaling Kshs 378,719,317.03 with an absorption of Kshs 364,037,220.90 (96%).

1.3. Summary of key Achievements: 2023/24 – Mid 2025/26 FY

THEMATIC AREAS	KEY ACTIVITIES	IMMEDIATE OUTPUTS	OUTCOME/IMPACT
	Value Chain Selection	<ul style="list-style-type: none"> 5 Value chains (Dairy, Apiculture, Chicken, Mango and Tomato) were prioritized and mapped across all Sub Counties and Ward Completion 100% 	<ul style="list-style-type: none"> This has enabled value chain based planning and development by the County Government and other partners. Value chain based Stakeholders platforms have been formed to spearhead commercialization of value chains
	Farmer profiling	<ul style="list-style-type: none"> 208,120 (93,105m, 113,380f) Farming households profiled 380 Agro-dealers profiled 373 stockists profiled Completion 100% 	<ul style="list-style-type: none"> The data base hosted by KALRO is guiding The National Government and County governments in planning and development 64,582 farmers have access to subsidized fertilizer via NCPB e-voucher through bulk messaging services Enlisted farmers targeted for e-voucher animal vaccination programme Farmers, Agro-dealers and stockists are linked to farmers and other service providers for provision of digital solutions to farmers
Community Institutions Development	Participatory Integrated Community Development (PICD) process carried out in all wards	<ul style="list-style-type: none"> 30 Community Action Plans (CAPs) developed, 1 per ward 30 Micro-Catchment Action Plans developed, 1 per ward Community members reached through PICD were 38,410 (13,444 male, 24,966 female) and 215 PWD 	<p>The PICD process gave the communities a shared vision for prioritized development programs.</p> <p>The Community Action Plans enhanced ownership of the project and community commitment to fast-track development at grass root level</p>
	Formation of community institutions	<ul style="list-style-type: none"> 30 Community Driven Development Committees (CDDC) formed, 1 per ward Completion 100% 	Community organised into strong institutions to steer value chain organization as economical and viable commercial vehicles Enhance coordination of agricultural activities at the community level
		<ul style="list-style-type: none"> 30 Social Accountability and Integrity Committees (SAIC), 1 per ward 	Enhanced transparency and resource accountability at community level

		<ul style="list-style-type: none"> • 30 Sustainable Land Management Committees (SLMC) established, 1 per ward 	Enhanced coordination and implementation of the FLID and sustainable land management activities
		<ul style="list-style-type: none"> • 30 ward SACCOs registered 	Increased access to affordable credit to individual farmers and CIGs/VMGs for on farm investments, improved farm productivity and household incomes
		<ul style="list-style-type: none"> • 57 FPOs profiled out of which 13 were selected for support by project • Registration of 10 FPO in progress 	Supported FPOs enable CIGs/VMGs to access markets and farm inputs for increased household incomes
		<ul style="list-style-type: none"> • 3 IWUAs registered 	<p>Better management and utilization of water resources for irrigation.</p> <p>Irrigation farmers supported to improve their infrastructure on irrigation for improved farm production</p>
	Training of the community institutions	<ul style="list-style-type: none"> • 300 members of the CDDC/ SAIC trained on their roles and responsibilities, support to other community institutions, resource Mobilization, Lobbying and Advocacy, Financial literacy, Agripreneur and extension model, Grievance redress Mechanism, environmental and social safeguards, cross cutting issues - HIV/AIDs, Gender Mainstreaming • 30 SACCOs committees trained on leadership and governance, SACCO compliance, financial management and cross cutting issues ,HIV/AIDs, and Gender Mainstreaming • 13 FPOs trained on leadership and governance, financing windows for the FPOs and financial, management • Kyuu irrigation scheme and Kilombo Earth dam IWUAs were trained on roles and responsibilities, Irrigation regulations, management of water structures and statutory requirements and record keeping • Completion 100% 	Leadership skills and capacity developed to enable all the community institutions to perform their roles and responsibilities effectively for improved service delivery

	Development of MOUs	<ol style="list-style-type: none"> 1. 30 MOUs signed between the County Government and the CDDCs 2. 30 MOUs signed between the CDDCs and the SACCOs <ul style="list-style-type: none"> • Completion 100% 	Enhanced working relationships between the community institutions for improved service delivery to the farmers
	Improve credit-worthiness of CIGs and FPOs	<ul style="list-style-type: none"> • 30 SACCOs established • 31 SACCOs Automated • 31 SACCOs Integrated. • 13 FPOs Automated. • All 30 SACCOs held their first General Meetings and committees inducted • Screening for environmental and social risks and impacts for 23 SACCO inclusion grants done • 23 ESMPs developed • 30 SACCOs received inclusion grants (each SACCO Kshs 1,000,000) totaling Kshs 30,000,000 • 29 bookkeepers and 2 secretaries trained on office management and keeping of financial record and accountability • CIGs/VMG and members mobilized to join SACCOs reaching a total membership of 435 • 19,115 members joined SACCOs (31.85% of the targeted 60,000) • SACCOs, CIGs and members trained on savings and investing in shares. So far total member contribution is Kshs 26,280,682 • External audit carried out in 9 SACCOs • 15 SACCOs have loaned Kshs 7,697,549 to members 	<ul style="list-style-type: none"> • Establishment of SACCOs opened an opportunity for Community-level financial access. This is expected to spur agriculture investments and development • Capacity of leaders and bookkeepers enhanced to run the SACCOs effectively • Members actively participating in governance of their SACCOs • Employment created through hiring of bookkeepers • Improved record keeping and office operations • Enhanced SACCO working environments through purchase furniture, computers) • Automated transactions improved service efficiency and bolstered member confidence • Enhance SACCOs management and governance with environmental and Social Safeguards compliance • Increased membership indicates trust ensuring sustainability through increased savings and loans uptake • Financial literacy of members enhanced • Compliance to statutory requirements. • Affordable and friendly credit to members for agricultural investments

<p>Farmer Producer Organizations (FPOs) level Climate Smart Value Chain Investments</p>	<p>FPO profiling and selection</p>	<ul style="list-style-type: none"> • 57 FPOs were mapped and profiled • 18 FPOs were selected for support by the project These are; Makueni Dairy, Kathonzweni Dairy, Kikima Dairy, Nguu Masumba Dairy, Kibwezi Honey marketing, Kibwezi East FC, Kwa kyai Rural SACCO, Kanoto Hort FC, Kibwezi Dairy, Makiou Dairy, kitise Farmers Cooperative, Mulala farmers Cooperative Society limited, Kikima Livestock Improvement Cooperative, Kaiti Dairy value chain Cooperative Society Ltd, Kalamba Fruits Farmers Marketting Cooperative, Kalawa Dairy farmers Cooperative society limited, Kako/Waia (Wambiti) Farmers Cooperative, Twakima Farmers Cooperative. 	<ul style="list-style-type: none"> • FPO development gaps and intervention areas identified • Selected FPOs enabled to partner with the project for investments and growth
	<p>Development of Enterprise Development Plans (EDPs)</p>	<p>Infrastructure investments</p> <ul style="list-style-type: none"> • 7 FPOs developed Enterprise Development Grants Proposals (EDPs) • 3 EDPs of the 7 EDPs were approved for financing by the project (2025/26FY). Funded EDPs are for Makueni Dairy Farmers Cooperative and, Kathonzweni Dairy Cooperative. Nguu Masumba Dairy Coop awaiting for funds • All 3 EDP proposals were screened for Environmental and Social risks and impacts • Development of Environmental and Social Impact Assessment-Summary Project Report (SPR) done • NEMA Licensed EDPs for Makueni and Kathonzweni Dairy investments • ESMPs disclosure done for Makueni and Kathonzweni Dairy Cooperatives representatives <p>EDPs for e-voucher animal vaccination</p> <ul style="list-style-type: none"> • 19 FPO proposals were developed for e-voucher vaccination. 13 of the proposals were approved by CTAC and CPSC on 9/9/2025 • Ward level stakeholders (NGAO, GMC staff, FPOs, Lead farmers) sensitized on e-voucher vaccination model in all 30 wards. • 30 ward based committees formed to spearhead the vaccination exercise 	<p>EDPs provide opportunity for investments</p> <p>Investments are expected to improve operational efficiency, reduce cost of production, increased sales leading to increased profits</p> <p>Ensured compliance to ESS requirements</p> <p>Animal vaccination is expected to improve animal health and milk quality and productivity</p> <p>Improved access to markets, product sales</p> <p>The community and stakeholders have embraced the vaccination exercise</p>

<p>Market Access and Infrastructure Development (MAID)</p>	<p>Improved market access through market linkages</p>	<ul style="list-style-type: none"> • Business to business (B2B) forums held for marketing of mangoes • 7 exporters facilitated marketing of 137,372 boxes of quality mangoes at the aggregation center hired by County government. 	<ul style="list-style-type: none"> • Improved networking and streamlined mango marketing • This initiative generated a direct income of Ksh 13,263,940 to Mango farmers • Employment was created through mango picking, packaging and transportation • Farmers have received training on production of quality Mangoes
	<p>Establishment of Horticultural Crops Packhouse</p>	<ul style="list-style-type: none"> • Horticultural Crops Packhouse site identified at Kwa Kathoka, Muvau Kikumini Ward along Wote-Makindu road • Feasibility study, BQs and designs for Horticultural Pack house completed • Screening for Environmental and Social risks and impacts for the proposed establishment of Horticultural Crop Packhouse conducted • -Draft Environment and social impact assessment completed and report developed -Comprehensive Project Report (CPR) done, awaiting submission to NPCU • Total Packhouse cost is estimated at Shs 170,242,340.00 of which the project will contribute Shs 75M being last mile support following startup investments by the County government. 	<ul style="list-style-type: none"> • The Packhouse is expected to facilitate aggregation and marketing of 12,000MT mango, Avocado, other produce annually.
	<p>Farmer Led Irrigation Development (FLID)</p>	<ul style="list-style-type: none"> • The FLID pilot catchments at Marwa and Nguu Masumba were identified and delineated. • Hydrological /Drainage maps for the two catchments were developed • Community mobilization for pilot FLID activities was done in Marwa (Kiima Kiu, Kalanzoni ward) and Nguu Masumba ward • The County Irrigation Development Unit (CIDU) was established • Watershed Management Committees (WSC) were elected and trained on their roles and responsibilities at Marwa and Nguu Masumba Watersheds 	<ul style="list-style-type: none"> • Community involvement enhanced project ownership there by strengthening trust between beneficiaries and partners implementing project activities • CIDU is expected to spearhead planning, implementation of all irrigation activities in the County. • CIDU will also make recommendations and guide in irrigation policy • Farm ponds excavated at beneficiary farms will contribute to areas under irrigation and effectively increased crop production and household incomes.

		<ul style="list-style-type: none"> • 100 beneficiaries were profiled out of which 60 champions identified to pilot excavation of farm ponds in Marwa and Nguu Masumba Watersheds • 30 of the 60 identified champions for Marwa watershed were trained at Christian Impact Mission (CIM) at Yatta under the guidance of CIM Director Bishop Masika. 	<ul style="list-style-type: none"> • Farmers will terrace their farms for improved soil and water conservation • Engagement at CIM exposed farmers to better methods of farming using climate Smart Agriculture technologies.
		<ul style="list-style-type: none"> • CIM also participated in further community engagement at Marwa and Nguu Masumba on empowerment and attitude change for transformative development • -Screening for Environmental and Social risks. for all proposed 60 farm pond sites done and 60 Environment and Social Management Plans (ESMPs) for farm ponds completed with farmer involvement in Marwa and Nguu Masumba Watersheds. 	<ul style="list-style-type: none"> • Enhanced climate smart adoption while ensuring environmental and social safeguards for all water harvesting structures and mitigating potential E & S risks and impacts
Data and Digital Investments	Data and Digital Investments	<p>Engagement of AgriTechs</p> <p>AMTECH, a digital service provider was engaged to provide digital solutions to community institutions and farmers</p> <ul style="list-style-type: none"> • 31 SACCOs Automated. • 31 SACCOs Integrated. • 13 FPOs automated. 	<ul style="list-style-type: none"> • Automation improved efficiency and transparency in SACCO and FPO operations • Integration facilitated real-time digital transactions between the SACCO organizations and their members, enhancing efficiency, transparency and service delivery. • SACCO members saving culture has improved enabling them to venture into investment in agriculture
		<p>Agripreneur Ecosystem Development Agripreneur Recruitment:</p> <ul style="list-style-type: none"> • 210 were recruited, and deployed to all 30 wards and introduced to the community through disclosure meetings <p>Agripreneur Boot camp:</p> <ul style="list-style-type: none"> • Out of 210 agripreneurs, 177 were trained on Boot camp activities (36 dropped). • 141 participated in boot camp to completion between March and June 2025 and profiled 64,582 out of the targeted 170,732 farmers <p>Agripreneur KIAMIS Farmer Updating Services: The target was 170,732 farmers and a total of 64,582 farmers were successfully updated.</p>	<ul style="list-style-type: none"> • Agripreneurs complement the government extension services to enhance extension provision to farmers and help commercialize agriculture across the supported value chains • Incomes for the 141 Agripreneurs improved through stipends • 64,582 farmers profiled for linkage to bundled services including inputs, mechanization, financial institutions, marketing and extension support

<p>Research Linkages and Extension</p>	<p>Dissemination of validated Technologies, Innovations and Management Practices (TIMPs)</p>	<ul style="list-style-type: none"> • Kenya Agricultural and Livestock Research Organization (KALRO) developed Technologies, Innovations and Management Practices (TIMPs) for implementation by the project • TIMPs training was done to 158 extension staff across five value chains (Dairy, Apiculture, Mango, Tomato and Poultry) under tier 2. • 120 ward based demonstrations sites identified, proposals developed, vetted by CDDC and Ward technical staff and approved by CTAC and CPSC • Screening of 120 demonstration plots for Environmental and Social risks and impacts done • 120 ESMPs developed for the value chains and 10 Disclosures done . • 90 demonstration proposals funded (3 per ward) • The 90 demonstration sites are currently being established and 2, 258 farmers are to be reached • 349 lead farmers drawn from Chicken, Mango and Tomato CIGs identified and trained (Tier 3) • 120 Agripreneurs trained on soil sampling, 1410 samples collected and submitted to KALRO for analysis • Farmers sensitized on e voucher subsidies 	<ul style="list-style-type: none"> • Adoption of various TIMPs by farmers to increase crop and livestock productivity hence food security and household incomes • Trained extension staff are disseminating the technologies to farmers for onward adoption by farmers through demonstrations and farmer field and business schools. • Trained lead farmers are providing last mile extension services to their groups • Soil sampling analysis advises farmers on the appropriate soil fertility management practices to apply in their farms • Increased number of farmers accessing e-voucher subsidies
	<p>Project management and Coordination</p>	<ul style="list-style-type: none"> • County Project Steering Committee (CPSC), County Technical Advisory Committee (CTAC), and County Project Coordinating Unit (CPCU) have been established • Technical reporting done on quarterly basis <p>The project is under performance management system</p> <ul style="list-style-type: none"> • Annual Work Plan Budgets for each FY prepared • CPCU had various consultative meetings on project implementation with the following; <ol style="list-style-type: none"> a. County Executive committee b. County Committee of the Flagship Project c. County Assembly Committee on Agriculture d. Department Leadership e. Community Institutions (CDDC, FPOs, SACCOs) 	<ul style="list-style-type: none"> • Project coordination have ensured service delivery to farmers • Quarterly technical reporting consistently conducted • Project implementation aligned to performance management system for accountability and results tracking • Reports generated provide project information to the County and department leadership on project progress and provides basis for future planning

2.0. THEMATIC AREA REPORTS



2.1. COMMUNITY INSTITUTIONS DEVELOPMENT AND CAPACITY BUILDING

This thematic area involves community mobilization which entails bringing together ‘stakeholders’ with similar objectives in a bid to jointly tackle the challenges they face in terms of lobbying and advocacy, access to services, finance and market access to improve their socio-economic status and to strengthen community participation for sustainability and self-reliance (Sustainable Development).

Community mobilization involves key stakeholders coming together to mobilize the beneficiaries to enlist as CIG/VMGs and subsequently link them to project community institution such as Community Driven Development Committees (CDDCs), Farmer Producer Organizations (FPOs), SACCOS, Irrigation Water Users Associations (IWUAs). Project support is aimed at empowering communities to be more organized into the institutions, improve governance, and build sustainability in their agricultural ventures/ Value Chains. Skills development for the various institutions is been done to enhance their capacity in performing their roles and responsibilities

Sub County	All 6 Sub counties
Ward	All 30 wards
Budget	Ksh 85,312,521
Completion Rate	Community institutions mobilization-100.9% Community institutions training -100% Federation of CIGs/VMGs into SACCO- 12.2% Federation of CIGs/VMGS into FPOs – 8.2%
Thematic area scope	<ul style="list-style-type: none"> • Community mobilization through the PICD process in the 30 wards • Development of community Actions Plans (CAPs) and Micro Catchment Action Plans(MCAPs) in the 30 wards • Support to the establishment and strengthening of community institutions with targeted capacity building in governance, management, and sustainability. including : <ul style="list-style-type: none"> • 6240 Common Interest Groups(CIGs)/Vulnerable and Marginalized Groups (VMGs) • 30 Community Driven Development Committee s(CDDCs)/Social Accountability and Integrity Committees(SAIC),Sustainable Land Management Committees (SLMC) • 30 ward based SACCOS • 23 Farmers Production Organizations(FPOs) • 12 Irrigation Water Users Associations(IWUAs)/Water Users Associations(WUAs) • Formation of 5 value chain plat forms • Linking 6240 CIGs/VMGs to the SACCOS and high-capacity producer organizations along priority value chains for the purpose of accessing markets ,inputs and value addition of their produce. • Federation of cooperatives from the level of a society to one (1) union and towards engaging with Aggregation Business Centres (ABCs) • Development of a performance-monitoring framework around the projects key indicators to evaluate the performance of the value chain organizations. • Development of MOUs between the various implementing institutions for the purpose of enhancing the working relationships in terms of defining the roles and responsibilities, setting the basis for partnerships, providing the framework for collaboration, defines the deliverables and demonstrating commitment <ul style="list-style-type: none"> • 30 MOUs between the county government and CDDCs in the 30 wards • 30 MOUs between the CDDCs and SACCOS in the 30 wards • Tripartite agreements between either SACCO, FPOs and the CIGs/VMGs

<p>Thematic Progress</p>	<ul style="list-style-type: none"> • CIGs/VMGs Enlisted: 6,298 against a target of 6,240 • CIG/VMG Membership Reached: 149,068 against a target of 156,000 • CDDCs Formed: 30 (7 members each) • SAICs Formed: 30 (3 members each) • SLMCs Formed: 30 (12 members each) • SACCOs Formed: 30 ward-based SACCOs (9 committee members each) • Farmer Representation: All committees comprise elected value-chain farmer representatives • FPOs Profiled and Supported: 57 profiled; 13 selected for project support • IWUAs Sensitized: 21 • IWUAs registered: 3 (Utangwa in kithungo /kitundu ward ,Kyuu in Mbooni ward and Upendo in kitise/Kithuki ward) • IWUAs in Registration Process: 6 with KES 45,000 contribution and by-laws development ongoing • CDDC/SAIC Capacity Building: 300 members trained • SACCO Committees Capacity Building: 30 committees trained • FPO Capacity Building: 13 FPOs trained • IWUAs Trained: 2 (Kyuu and Kilombo) • Value Chain Platforms Established: 5 (Mango, Poultry, Apiculture, Dairy, Tomato) • Federated CIG/VMG Members: 19,105 (12.2%) and 12,760 (8.2%) • Institutional Grading Completed: 13 FPOs and 31 SACCOs • MOUs Signed: 30 (County Government-CDDCs); 30 (CDDCs-SACCOs)
<p>Governance and sustainability</p>	<p>Building an effective institutional regime to steer the value chain organizations as economically viable commercial vehicles through continuous skills development, enhancing collaboration and partnerships between the community institutions</p> <p>Development of a performance-monitoring framework around the community institutions to evaluate the performance of the value chain organizations through continuous grading for continuous improvement</p> <p>Development of an optimal governance and tier system for viable organizations as vehicles in commercializing the value chains for sustainability</p>



Figure 1:
TOT Training on PICD process at Mtito Andei for the Sub County and Ward Technical Officers



Figure 2:
Muusini zone in Mtito Andei; Entry Baraza



Figure 3:
Kithungo Kitundu community entry Baraza



Figure 4:
Sensitization on Formation, Registration, and Interim Elections of IWUA – Makindu River.



Figure 5:
Irrigation along the Makindu River for the Makindu IWUA



Figure 6:
Customized CDDC Training in one of the Clusters at Kibwezi Catholic Church hall



Figure 7:
Training of Kyuu IWUA at Mbooni pride hotel

2.2. FARMER PRODUCER ORGANIZATIONS (FPOs) LEVEL CLIMATE SMART VALUE CHAIN INVESTMENTS.

This sub-component is focused on nurturing strong, market-oriented Farmer Producer Organizations that can enhance market participation and value realization for members, small farmers and CIGs. The project targets to upgrade the select value chain through the Enterprise Development Grants model using FPOs as vehicles for delivery (Investment vehicle). The project has three fully approved FPO projects proposals at various stages of implementation as indicated below:

1. Solarization of milk cooling systems for Makueni Dairy farmers cooperative society, Funded with Ksh 4,432,500.00
2. construction of a feed Centre and solarization milk cooling systems Kathonzweni Dairy, funded with 7,272,000.00
3. Establishment of A Mechanization Hub and Solarization of Milk Cooling System Nguu Masumba Dairy, awaiting funds Ksh 8,620,000.00

2.2.1. Solarization of Milk Cooling Systems for Makueni Dairy Farmers Cooperative Society:

Sub County	Makueni
Ward	Wote/Nziu and Mavau/kikumini
Cooperative	Makueni Farmers Dairy cooperative
Value chain	Dairy
Beneficiaries	672 Members (395M, 256F, 20 Youth and 1PWDs)
Contact person	Charles Kasyoka Malinda (chairman) Mobile no 0722727760
Budget	Total budget - Ksh 4,925,000.00 NAVCDP Contribution - Ksh 4,432,500.00 FPO contribution - Ksh 443,250.00
Completion Rate	70%
Project objective	To support in stabilization of power supply and reduce the cost of power consumption through the solarization of the milk cooling systems
Project description	Purchase, Supply and installation of Solar system and accessories for milk cooling units in Makueni farmers dairy cooperative plant
Project Scope	<p>Preliminary Activities:</p> <ul style="list-style-type: none"> • Selection of FPOs for support by the project • Development of concept and proposal for the development of • Approval of the proposal by CPCU, CTAC and CPSC • Due diligence and approval by NPCU • Development of detailed designs and bill of quantities • Environmental and Social Screening and ESIA Instrument development • NEMA lincising • Disbursement of the funds to the FPO • Procurement of contractor to provide the services <p>The project Infrastructure Scope:</p> <ul style="list-style-type: none"> • Construction of battery storage house • Installation of solar mounting structures

	<ul style="list-style-type: none"> • Installation of Solar panels • Wiring • Testing and commissioning of the project
Project Progress	
Project implementation status	<ul style="list-style-type: none"> • Project licensed by NEMA contract awarded and installation of the solar system for the milk coolers on going
Additional Activities (Where applicable)	
E-voucher based Foot and Mouth Disease vaccination in Wote/Nziu and Muvau/ kikumini wards	<p>Proposal developed, screened for Environmental and social impact and approved</p> <p>3 Animal health assistants recruited for the vaccination of animals</p>
Budget	Ksh 1,845,500
Next activity	<ul style="list-style-type: none"> • Disbursement of funds for purchase of vaccines and payment for services • E voucher animal identification, registration and vaccination against foot and mouth disease
	The cooperatives has management committees (executive, supervisory, procurement, production committees)



Makueni dairy farmers cooperative ilk aggregation center



Power house for storage of batteries, FPO contribution to the project

2.2.2. Construction of A Feed Centre and Solarization Milk Cooling Systems Kathonzweni Dairy.

Sub County	Makueni
Ward	Kathonzweni
FPO	Kathonzweni dairy
Value chain	Dairy
Contact person	Titus Mutie Cell phone: 0721342067
Beneficiaries	845 members (594 male, 234 female and 17 youths)
Budget	Total budget- Ksh 8,080,383.00 NVCDP contribution - Ksh 7,272,000.00 FPO contribution - Ksh 808,383.00
Completion Rate	Overall thematic - 60%
Project objective	To support in stabilization of power supply and reduce the cost of power consumption through the solarization of the milk cooling systems and Construction a Hay store
Project description	Purchase and Supply and Assembling of Solar panels with the accessories and installation of the Solar Panels Construction of a Hay Store
Project score	<p>Preliminaries activities</p> <ul style="list-style-type: none"> • Selection of FPOs for support by the project • Development of concept and proposal • Approval of the proposal by CPCU, CTAC and CPSC • Due diligence and approval by NPCU • Development of detailed designs and bill of quantities • Environmental and Social Screening and ESIA Instrument development • NEMA Licensing • Disbursement of the funds to the FPO • Procurement of contractor to provide the services <p>The project Infrastructure Scope:</p> <ul style="list-style-type: none"> • Installation of solar mounting structures • Installation of Solar panels and other accessories • Wiring • Site clearance • Construction of hay store with capacity of 4,000 bales • Stock the hay store (purchase initial stock) • Testing and commissioning of the project
Thematic Progress	
Project implementation status	Works for solar system installation and construction of hay store advertised Project licensed by NEMA
Next activity	Award of the contract and implementation of the project
Additional Activities (Where applicable)	
Livestock vaccination against foot and mouth disease targeting 13,273 animals	Proposal developed and approved
Budget	Ksh 1,460,030.00
Next activity	Disbursement of funds for purchase of vaccines and payment for services. Livestock vaccination against foot and mouth disease
Governance and sustainability	The dairy has management committee
ESS compliance	Project licensed by NEMA



Kathonzweni dairy plant and office

2.2.3. Establishment of A Mechanization Hub and Solarization of Milk Cooling System Nguu Masumba Dairy

Sub County	Makueni
Ward	Nguu/Masumba
FPO	Nguu/Masumba Farmers dairy cooperative society
Value chain	Dairy
Contact person	Julius Kimilu (chairman) Mobile number - 0721 349941
Beneficiaries	181 members (Male 101 & Female 80)
Budget	Total budget - Ksh 9,535,000.00 FPO Contribution - Ksh 915,000.00 NAVCDP contribution - Ksh 8,620,000.00
Project objective	<ul style="list-style-type: none"> To improve access to affordable mechanization services for livestock feeds conservation and preservation by establishing a mechanization hub in Nguu Masumba dairy plant. To support in stabilization of power supply and reduce the cost of power consumption in the milk cooling unit through the solarization of the milk cooling systems
Project description	<ul style="list-style-type: none"> Construction of Tractor Shade and equip with Farm -four-wheel drive Tractor, Five Disc Mower, Hay Rake, Farm Trailer, Silage Bailer (Silage Chopper and Silage Wrapper) and installation of Solar power back up system for milk cooling system
Completion Rate	Overall thematic 0% -not funded
Project scope	<p>Preliminaries activities:</p> <ul style="list-style-type: none"> Selection of FPOs for support by the project Development of concept and proposal for the development of Approval of the proposal by CPCU, CTAC and CPSC Due diligence and approval by NPCU Development of detailed designs and bill of quantities Environmental and Social Screening and ESIA Instrument development NEMA licensing <p>The project scope</p> <ul style="list-style-type: none"> Construction of tractor shade, Establishment of the Mechanization Hub: complete with Farm -four-wheel drive Tractor, Five Disc Mower, Hay Rake, Farm Trailer, Silage Bailer (Silage Chopper and Silage Wrapper) Installation of solar system to milk cooling facilities

Thematic Progress	
Project implementation status	All approvals done
Next activity	Funding and project implementation
Additional Activities (Where applicable)	
Livestock vaccination against foot and mouth disease targeting 14,463 animals	Disbursement of funds for purchase of vaccines and payment for services Livestock vaccination against foot and mouth disease
Budget	Ksh 1,590,930.00
Governance and sustainability	
Established Committees	The cooperative has a management committee in place (executive, supervisory and procurement committee)

2.2.4. Other FPOs Supported By The Project E-Voucher Animal Vaccination

Under livestock identification, registration and vaccination against foot and mouth disease the following FPOs proposals are approved to participate in vaccination.

Sub County	All sub counties	
Wards	All Wards	
Implementing Organization	FPOs	
Value chain	Dairy	
Contact person	Jackson Katua, CADO/ NAVCDP, Tel- 0721 349941 Dr Josephat Mbai- CDVS, Tel 0721828952	
Total Vaccination budget	Ksh 27,438,780.00	
Budget per FPO	EDP grants amount (ksh)	
1	Kilumu Livestock Improvement Co-operative	640,970
2	Kaiti Dairy Value Chain cooperative	916,960
3	Kibwezi East Farmers' Cooperative	3,532,650
4	Mulala farmers' cooperative	1,219,680
5	Kibwezi Dairy	1,472,460
6	Nguu Masumba Dairy	1,590,930
7	Makiou Dairy	2,866,490
8	Kathonzweni Dairy Cooperative Society Limited	1,460,030
9	Kitise Farmers' Cooperative Society Limited	424,380
10	Makueni Dairy Farmers Cooperative Limited	1,268,850
11	Kalamba fruits farmers cooperative	920,810
12	Kalawa Dairy farmers Cooperative Ltd	3,136,430
13	Kikima Dairy Farmers Cooperative LTD	1,829,520
		21,280,160

Project objective	Enable access to regulated and high-value markets through traceability and quality assurance compliance
Expected benefits	<ul style="list-style-type: none"> Enhanced animal health and productivity Increased household incomes and improved livelihoods Increased sales of healthy animals and animal products.
Target number of animals	196,944 animals
Targeted beneficiaries	170,243
Value chain	Dairy
Project scope	<ul style="list-style-type: none"> Formation of Planning and coordinating committees at County and Ward levels Recruitment and vetting FPOs for the E-voucher program. Sensitize FPO committees and ward-level stakeholders. Map veterinary personnel, recruitment of Animal Health Assistants/ Paraprofessional Develop cooperative proposals and screen them for environmental and social compliance. Conduct awareness campaigns, link stakeholders, facilitate MoUs signing between FPOs and County Train AHA and Paraprofessionals Conduct field vaccinations Monitoring and evaluation and reporting on the e-voucher vaccination exercise
Project implementation status	All approvals done
Next activity	Funding and project implementation
Thematic Progress	
Implementation of vaccination exercise	<ul style="list-style-type: none"> County and 30 Ward levels coordination committees formed 13 FPOs recruited covering all the wards. FPO proposals were vetted and approved by CTAC and CPCU All proposals were screened for environmental and social compliance. FPO committees and ward-level stakeholders sensitized. 40 veterinary personnel/ Animal Health Assistants/ Paraprofessional recruited MoUs signing between FPOs and County done <p>Pending</p> <ul style="list-style-type: none"> Train AHA and Paraprofessionals Carrying out animal vaccination
Governance and sustainability	
Established Committees	<p>The cooperative has a management committee in place (executive, supervisory and procurement committee).</p> <p>Engagement of AHAs and paraprofessional will continue to provide animal health services to the community.</p> <p>FPOs are the vehicles for commercialization of agriculture in the County</p>



Registration using Muzzle Technology - Unique Identifier



E-Voucher redemption by the Farmer and Vaccination of Animals by AHA

2.3. SACCOs - IMPROVE CREDIT-WORTHINESS OF COMMON INTEREST GROUPS (CIGs) AND FARMER PRODUCER ORGANIZATIONS(FPOs).

Sub county	All Sub-Counties
Ward	All Wards
Budget	50,336,212
Completion Rate	Achieved/Target-70% Overall thematic achievement
Thematic area scope	<ul style="list-style-type: none"> • Establishment of governance structures in 30 SACCOs • Induction of leadership from 30 SACCOs • Linkages with other financial institutions • Inclusion grant support to 30 SACCOs • Recruitment and capacity building of Bookkeepers in 30 SACCOs • Mobilization and recruitment of Members /groups • Advanced training of Leadership from 30 SACCOs • Development of Key Operational Policies • Loaning to members • Matching grant support to 30 SACCOs • Establishment of 1 SACCO Union
Thematic Progress	<ul style="list-style-type: none"> • 30 SACCOs have requisite governance structures (management , supervisory and sub-committees). • Leaders from the 30 SACCOs inducted on their roles, governance, legislation ,financial management, compliance amongst others • 30 SACCOs linked with Commercial banks • All the 30 SACCOs have received each Kshs 1,000,000 as inclusion grant support • All SACCOs have competent bookkeepers • Mobilization and recruitment of members are continuous with 19,105 members having joined the SACCOs. • Leaders from 13 SACCOs namely; Kilome, Mukaa, Kasikeu, Ilima, Kilungu, Mavindini, Muvau/Kikumini, Masongaleni, Thange, Mtitoandei, Kikumbulyu north, Kalawa and Tulimani farmers SACCO underwent tier 2 training on community financing, SACCO standards, automation, procurement, grievance redress mechanism, credit management amongst others • Credit, human resource, financial and governance policies developed • 16 SACCOs namely: Mtito Andei, Kilome, Kako/Waia, Kasikeu, Kilungu, Ilima, Kitise/Kithuki, Woni, Kikumbulyu South, Muvau/Kikumini, Mavindini, Masongaleni, Mbitini, Makindu, Kalawa, Nzakika, and Kilungu currently loaning to members through the easy Sacco system • 15 SACCOs sensitized on matching grant (Line of Credit).10 SACCOs namely; Kee, Mbooni, Thange, Masongaleni, Nzakika, Kikumbulyu North, Kikumbulyu South, Mavindini, Nthonza, Emali/Mulala have been allocated kshs 9,340,511 from the ward budgets.
Governance and sustainability	<ul style="list-style-type: none"> • All the 30 SACCOs have management and supervisory committees. • 10 SACCOs have been able to get allocation of kshs 9,340,511 from the ward budgets to improve liquidity • All 30 saccos to sign tripartite agreements with FPO and productive groups. • 30 SACCOs to form County Agricultural SACCO Union to offer specialized services such as bookkeeping, audit, automation, lobbying and Linkages
Compliance	23 saccos have been screened on Environmental and social safeguards



Figure 1:
Establishment of Governance structures during General Meeting



Figure 2:
Member participation during General Meeting in Kitise/Kithuki Farmers SACCO.



Figure 3:
CPC-NAVCDP addressing members during mobilization and recruitment drive in Kiima-Kiu/Kalanzoni ward.



Figure 4:
Chief Officer-Livestock, Fisheries and Cooperative development addresses Kalawa Farmers SACCO during General meeting



Figure 5:
induction of SACCO leadership-Variou wards



Figure 6:
induction of SACCO leadership-Kithungo/Kitundu and Mbooni Ward Kilimo SACCO.



Figure 7:
Tier two training to SACCO Leaders on SACCO manuals, community financing, credit management, grievance redress mechanism, automation amongst others



Figure 8:
Advanced training of SACCO leaders on SACCO manuals, community financing, credit management, grievance redress mechanism, automation amongst others



Figure 9:
H.E Governor Mutula Kilonzo Junior presents cheque of Kshs 9 million Inclusion grant support toward based SACCOs.



Figure 10:
SACCO office established through inclusion grant

2.4 FARMERS LED IRRIGATION DEVELOPMENT (FLID)

Farmer-led irrigation development aims at enhancing and expanding the uptake of irrigation to increase area under irrigation, and improve irrigation efficiency, hence increase agricultural productivity that will ensure smallholder farmers shift from subsistence to commercial market-oriented system.

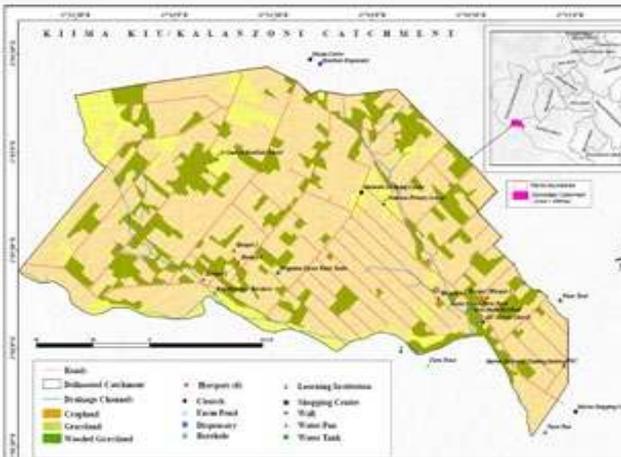
Sub County	All Sub County
Ward	30 Wards
Budget	3,000,000
Completion Rate	20%
Thematic area scope	<ul style="list-style-type: none"> • Georeferencing and on Linking Farmers • Sustainable land management. (Target – 3,744 ha) • Expanding irrigation through New or improved irrigation – (Target – 900 ha) • Linking of farmers to Sacco and agricultural service providers- (Target – 16,700 farmers) • Irrigation schemes identification for improvement – (target 1) • Water User Associations trained (targets - 12 irrigation water user associations. • Excavation of farm ponds by farmers - 15,700 farm ponds (through individual initiative)
Thematic Progress	<ul style="list-style-type: none"> • 296 water structures Georeferenced • 2 watersheds have been delineated (Marwa- area 936 ha and Nguu Masumba –area 1,324 ha) • Sensitized community on FLID in the delineated watersheds • Selected 60 FLID champions • Trained 30 FLID champions from the Marwa watershed by Christian Impact Mission Yatta on agricultural resilience • The SLM proposal for the Marwa watershed has been developed and approved. • Kyuu irrigation schemes approved for rehabilitation and expansion- Design ongoing • Seven farm ponds have been excavated by farmers(13,000 M³) • 35 ha under irrigation of fruit trees in Masongaleni ward, Kikumbulyu South, Thange ward. • Extension on irrigation efficiency and commercialization has been done in the following areas • Ivingoni Nzambani ward- Magelete sub location (85 farmers- M: 49 F:36) • Kikumbulyu ward – Athi Makikima along Athi river. • Kithungo Kitundu ward – Uvuu and Ngai micro irrigation, Utangwa irrigation, (60 farmers M:31 F: 29) • Kathonzweni ward – Along the Ituka River. • Masongaleni ward – Thange horticultural farmers’ association. (36 Farmers M: 19 F:17) • Trained two IWUA – Kyuu irrigation scheme and Kilombo earth dam
Add Additional Activities (Where applicable)	
<p>A design for excavating 30 farm ponds in the Marwa watershed has been submitted to the World Bank, awaiting approval.</p> <p>Trained youths in Nguu Masumba and Marwa on the digitization of farmers within the watershed.</p>	
Governance and sustainability	The project targets to train 12 Water user associations to manage activities around the irrigation water structure.
Agreements	Farmers from the Marwa watershed have signed an implementation agreement to Pilot Farm ponds
ESS compliance	Environmental and Social Screening for risks and impacts instead of ESS



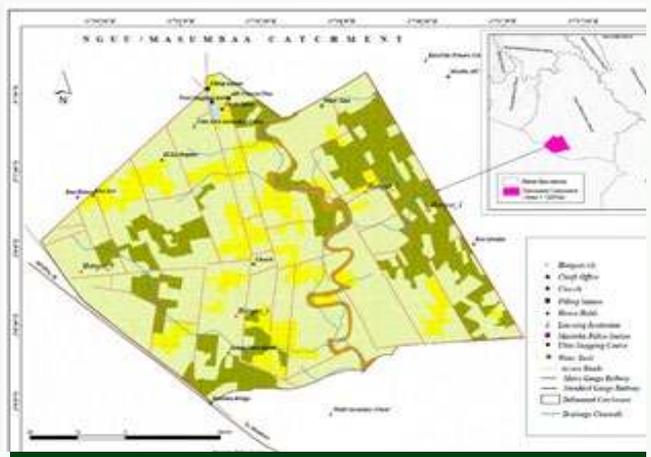
Bishop Masika presents the 'One Acre Rule' handbook to H.E. Mutula, Governor of Makueni County.



H.E Governor of Makueni being briefed on Agricultural resilience and mindset change by CIM team led by Bishop Masika.



Marwa watershed – targeted for SLM and piloting farm ponds



Nguu Masumba watershed – targeted for SLM and piloting farm ponds



Paul Musyimi (CPC) addressing farmers during the sensitization Baraza at Utithi Nguu Masumba watershed on piloting FLID



Bishop Masika of CIM sensitizing the community in Nguu Masumba on Agricultural resilience



Dam constructed in Peers farm in Muvau Kikumini ward for irrigation



Sun culture , one of the AgrTech under NAVCDP, installing a solar pump to assist with water extraction for irrigation. Change to Sun culture , one of the AgrTech under NAVCDP, installing a solar pump to assist water abstraction for irrigation.

2.5. MARKET ACCESS AND INFRASTRUCTURE DEVELOPMENT

The objective is to improve market competitiveness for smallholder farmers through reduced postharvest losses, strengthened value addition, improved information exchange between producers and other actors, improved logistics, enhanced linkages with agribusiness SMEs and support for produce certification.

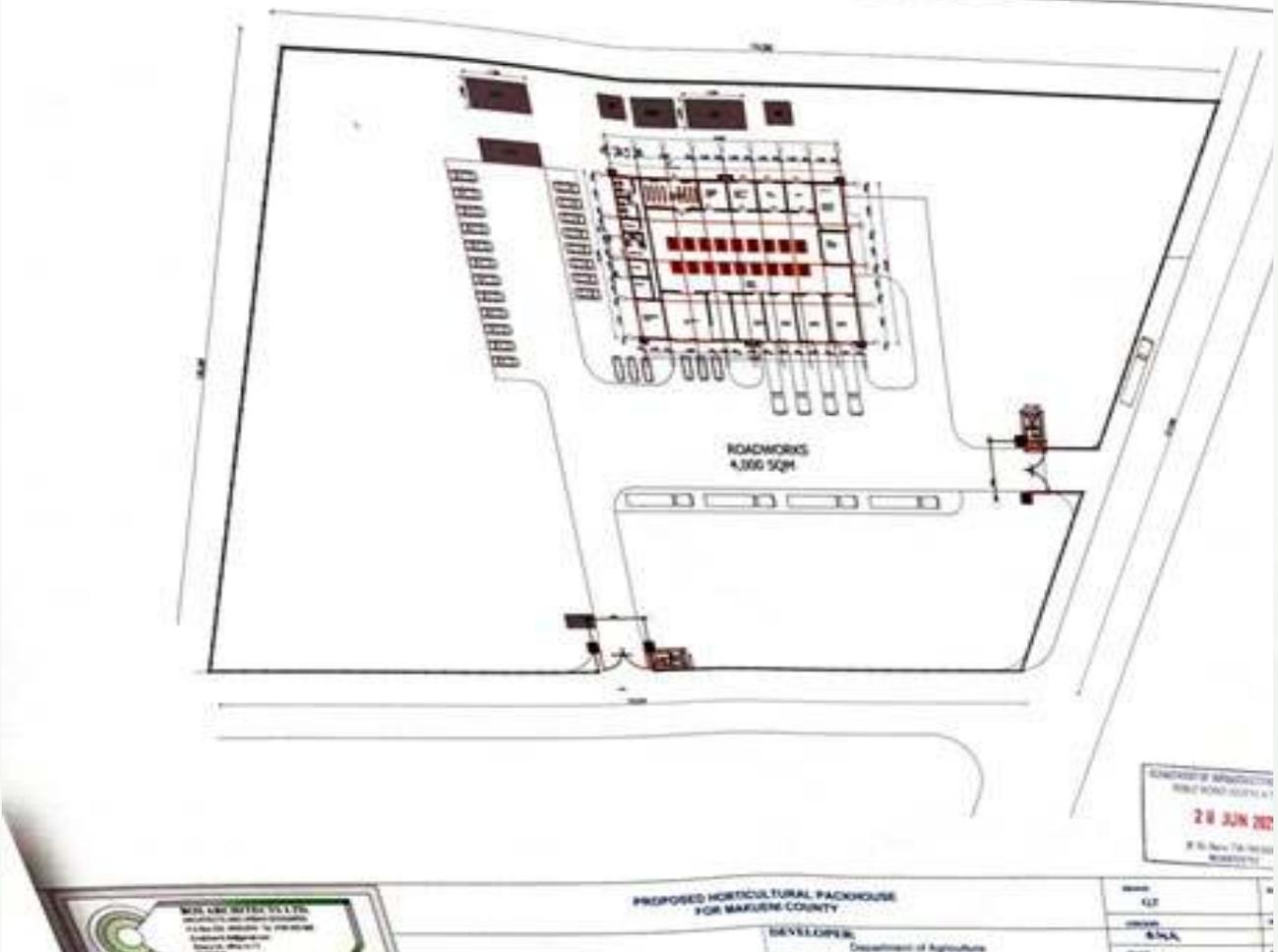
2.5.1. Establishment Of Horticultural Crops Produce Pack House At Kwa Kathoka.

Sub county	Makueni
Ward	Serve farmers from all wards.
Project Proponent	Makueni County Fruits Development and Marketing Authority
Value chain	Horticultural value chains
Objectives	To Improve logistics, enhance linkages with exporters and support produce certification. To Ensure compliance and certification to international standards (Global G.A.P., HACCP, sanitary and Phyto-sanitary{SPS} protocols)
Key Components of a Horticultural Pack House	Receiving produce: Offloading produce, checking for quality, and recording quantities. Sorting: Separating produce based on quality, size, and other characteristics. Grading: Further categorizing produce based on quality and size. Packaging: Preparing produce for transport and sale, often with temperature control. Storage: Utilizing cold storage facilities to maintain freshness and extend shelf life. Marketing & Distribution: Linking with markets and ensuring efficient transport to consumers or retailers.
Contact person	Chief Officer, Department of Agriculture, Livestock, Fisheries and Cooperative Development P.O. Box 78-90300, Makueni
Beneficiaries	109,432 farmers
Budget	Total estimated cost Ksh 170,452,589.78 NAVCDP to support last mile of Ksh. 75,000,000.00 County Government contribution is Ksh. 95,452,589.78

Completion Rate	Overall Project 30%
Project Scope	<p>Preliminary Activities:</p> <ul style="list-style-type: none"> • Development of concept and proposal for the development of a pack house • Approval of the proposal by CPCU, CTAC and CPSC • Due diligence and approval by NPCU • Feasibility study on the establishment of horticultural crops produces pack house at kwa kathoka • Development of detailed designs and bill of quantities • Environmental and Social Screening and ESIA Instrument development • Peer to peer review of the designs and bill of quantities • Development of full proposal • Approval by National Technical Advisory Committee (NTAC)
	<p>The project Infrastructure Scope:</p> <ul style="list-style-type: none"> • Construction of pack house main building, power house, gate house, gates and ablution block <p>External works</p> <ul style="list-style-type: none"> • Civil works • Septic tank ,soak pit and drainage work • Boundary wall • Land scaping <p>Electrical works</p> <ul style="list-style-type: none"> • Water works - bore drilling and pump and accessories
PROJECT PROGRESS	
The proposal approval	<p>The proposal has been Conditionally approved subject to the following:</p> <ol style="list-style-type: none"> a) Provision of proof of counterpart funding for the budget exceeding 75 million(NAVCDP will support last mile) b) Provision for phased out implementation with specific scope to be implemented by NAVCDP to functional status within the KES 75 million budget
Next activity	<ul style="list-style-type: none"> • Allocation of counterpart funding • Project NEMA Licensing and approvals • Infrastructure Development
<p>Governance and sustainability</p> <p>It is proposed that the GMC considers a PPP approach towards management of the pack house. GMC should play an oversight role. Strengthen farmer organizations e.g. CIGs, Cooperatives and CBOs and ensure stakeholders including traders and exporters and processors are integrated. Ensure Environment and Social Impact Assessment (ESIA) is done.</p>	



The artist impression of the proposed horticultural crops produce pack house



Site Layout or plan



2.6 DATA AND DIGITAL INVESTMENTS

2.6.1 Agripreneurs Ecosystem Development

Agripreneurs: Is an individual who practices agriculture as a business by applying entrepreneurial and innovative approaches to improve productivity and profitability.

Agripreneurs Bootcamp: The bootcamp is an intensive training focused on agribusiness skills, including business planning, financial management, record keeping, marketing and use of digital tools.

Incubation Phase: Aims at providing advanced support through mentorship, technical guidance, business development and market linkages to help agripreneurs scale up their enterprises.

KIAMIS Dashboard: Is a digital system used to register and update farmer data, track agricultural services and support planning and decision-making.

Sub county	All Sub-Counties.
Ward	All Wards.
Budget	Ksh. 19,234,557 for both Data and Digital Investment which includes Agripreneurs Ecosystem Development.
Completion Rate	Bootcamp 100%
Thematic area scope	<p>Agripreneurs Ecosystem Development</p> <ol style="list-style-type: none"> 1. Agripreneurs Recruitment: A target of 210 Agripreneurs was set, and all 210 were successfully recruited. 2. Agripreneurs Bootcamp Training: Out of a target of 210 agripreneurs, 177 were trained. 3. Agripreneurs Bootcamp Completion: From the 177 trained agripreneurs, 141 successfully completed the bootcamp. 4. Agripreneurs KIAMIS Farmer Updating Services: The target was 170,732 farmers and a total of 64,582 farmers were successfully updated. 5. Incubation Training: A target of 141 agripreneurs has been set, with the training scheduled to be rolled out in January 2026.
Thematic Progress	141 Agripreneurs completed bootcamp training.

Governance and sustainability

Agripreneurs ecosystem development will be sustained by diversified revenues generated from commissions on farmer linkages to markets, financial inclusion services, agritech solutions and professional services.

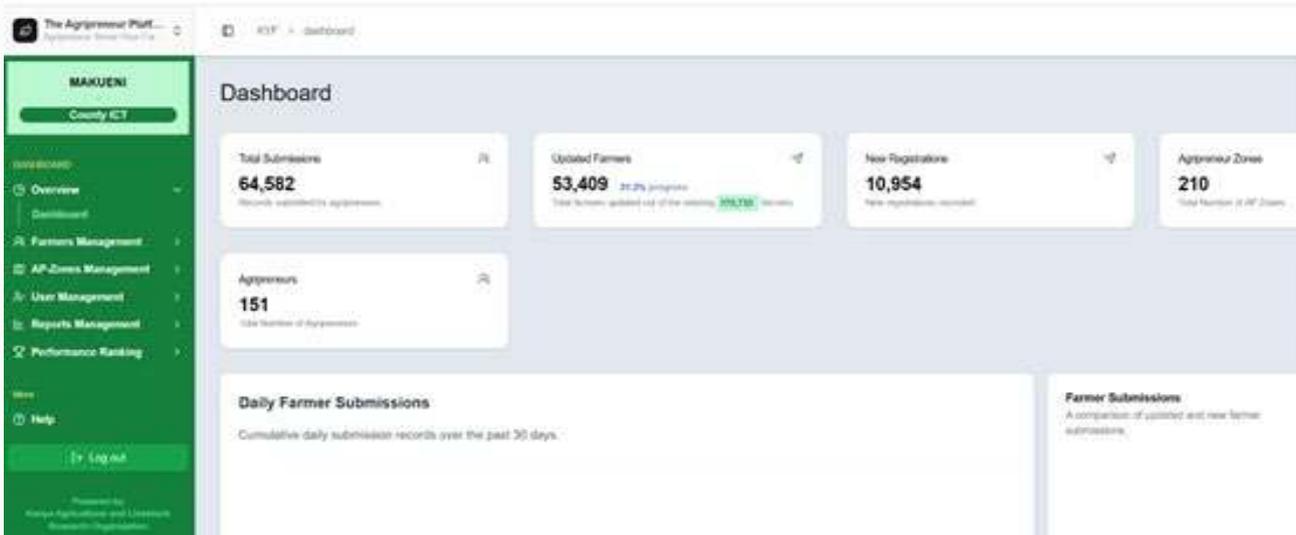


Figure 6.1-01: Agripreneur Dashboard.



Figure 6.1-02: Makueni Agripreneurs participated in the National Agripreneur Model Launch at Bungoma on 1st June 2024



Figure 6.1-03: Agripreneurs Roll Out – Makueni.



Figure 6.1-04: Agripreneuers Launch - Bungoma



Figure 6.1-05: Agripreneur Launch - Bungoma



Figure 6.1-06: Agripreneur Roll Out - Makueni.



Figure 6.1-07: Agripreneur Roll Out - Makueni.



Figure 6.1-08: Agripreneurs taking oath of office



Figure 6.1-09: Agripreneurs being administered oath of office

2.6.2 Automation of SACCOs and FPOs.

Automation and integration are key components in strengthening digital service delivery within SACCOs and related organizations.

Automation involves procurement of digital equipment's and services and the use of digital systems and technology to perform tasks and processes with minimal manual effort, thereby improving efficiency, accuracy and record management. Integration refers to the linking of different digital systems or platforms to enable seamless data sharing and coordinated operations.

Importance of integration lies in its ability to facilitate real-time digital transactions between SACCOs and their members, enhancing efficiency, transparency and service delivery.

Impact of integration is reflected in improved service delivery, stronger institutional management, increased accountability, better reporting and enhanced overall organizational performance.

Sub county	All Sub-Counties.
Ward	All Wards.
Budget	Ksh. 19,234,557 for both Data and Digital Investment which includes Agripreneur Ecosystem Development.
Completion Rate	SACCO automation 100% FPO automation 57% Bookkeeper training -100%
Thematic area scope	Data and Digital Investments. <ol style="list-style-type: none"> The target was to automate 30 SACCOs, however, 31 SACCOs were successfully automated. The target was to Integrate 30 SACCOs, however, 31 SACCOs were successfully Integrated. The target was to automate 23 FPOs of which 13 were successfully automated. The target was to train 30 bookkeepers and 31 bookkeepers were successfully trained.
Thematic Progress	<ul style="list-style-type: none"> Thirty-one (31) SACCOs fully automated and integrated. Thirty-one (31) SACCOs fully Integrated. Thirteen (13) FPOs were successfully automated. Twenty-nine (29) bookkeepers were trained. Two (2) secretaries were trained.
Governance and sustainability	Data and digital investments will strengthen the sustainability of SACCOs and cooperatives by enabling service delivery financed through commissions, including loan interest, sales of by-laws and loan application forms, and service-based deductions from farmer support services.

Automated FPOs data is captured in a digital platform as shown in dashboard below

Suppliers Summary County: MAKUENI [Export Excel] [Export All Suppliers per cov]

County: MAKUENI Suppliers: 6272 Male: 3926 Female: 2346

FPOs	Suppliers	Male
MAKUENI C FRUIT PROCESSORS COOP SOCIETY LTD	1217	832
MAKUENI GRAINS GROWERS COOPERATIVE SOCIETY LTD	632	231
MUKUYUNI DAIRY	1	1
KIBWEZI EAST FARMERS COOPERATIVE	2200	1723
KIKIMA DAIRY C.S.P	84	37
KITISE FARMERS COOPERATIVE SOCIETY LTD	764	256
Kwakyai Rural	432	330
MAKUENI DAIRY FARMERS COOPERATIVE SOCIETY LIMITED	255	132
WAI/KAKO FARMERS COOPERATIVE SOCIETY LIMITED	126	71
KATHONZWENI DAIRY FARMERS COOPERATIVE SOCIETY LIMITED	107	80
KANOTO HORTICULTURAL	45	26
KIBWEZI DAIRY COOPERATIVE SOCIETY LIMITED	59	29

Figure 6.2-01: Automation of FPOs

Automated SACCO data is captured in a digital platform as shown in dashboard below

County Administrator

MAKUENI

COUNTY SUMMARY REPORT

County Email: info@navcdp.gov.ke | Phone No: 254702074602

Institution	TOTAL	Women	Men	Children	Activities	FFDA	Share Capital	Share Dividends	Reg Fee	Loans Taken	Loans Paid	Loans Taken Women	Loans Taken Men	Total Loans	Loans Women
Kilome Farmers Sacco	675	338	317	20	51	2,289,606	527,500	1,732,106	136,200	1,382,900	311,553	194,700	482,200	21	7
Kinooa Farmers Sacco	563	349	100	48	23	119,180	44,650	74,530	23,000	0	0	0	0	0	0
Wawa Sacco	293	109	75	19	5	2,218,525	389,640	1,828,885	46,320	446,800	446,900	153,400	30,000	17	13
KIDUMBEUYU SOUTH FARMERS SACCO	587	282	188	37	39	630,500	129,200	501,200	55,100	170,000	70,147	50,000	0	8	2
THANGE KILIMO SACCO LTD	289	174	113	2	159	507,839	372,948	234,891	25,800	0	0	0	0	0	0
INDITINE FARMERS SACCO	97	42	52	3	18	140,230	105,000	25,230	13,800	0	0	0	0	0	0
EPANGI FARMERS SACCO LTD	32	14	18	0	16	0	0	0	0	0	0	0	0	0	0
KISAU-KITETA FARMERS-SACCO	539	277	262	0	2	392,000	129,000	263,000	131,600	0	0	0	0	0	0
KEE FARMERS SACCO SOCIETY LTD	625	293	331	1	32	826,392	386,022	460,370	124,428	0	0	0	0	0	0
KAKO WAJA FARMERS-SACCO	158	41	67	0	4	104,500	59,500	45,000	6,400	0	0	0	0	0	0
MAVINDENI WARD FARMERS SACCO	495	306	288	11	18	1,252,148	325,810	681,258	128,555	442,200	346,521	104,000	289,200	12	2
MUKAAKITAINGO SALAMA FARMERS SACCO	287	118	168	3	3	556,467	129,650	376,817	25,300	0	0	0	0	0	0
MASONGALENI KILIMO SACCO LIMITED	316	149	163	4	42	1,106,322	270,842	835,480	72,400	333,000	62,811	178,700	154,300	17	8
MBOONI WARD KILIMO SACCO LTD	391	231	152	8	10	584,105	401,005	183,100	80,300	0	0	0	0	0	0
UKIA WARD FARMERS SACCO	300	109	191	0	4	415,400	202,500	212,900	17,000	0	0	0	0	0	0
MAKITWA FARMERS SACCO	186	83	98	5	6	643,100	142,000	501,100	39,200	170,000	0	20,000	150,000	2	1
KITHUNGO/KITUNDU FARMERS SACCO	499	188	305	6	7	384,850	265,240	119,110	61,100	0	0	0	0	0	0
NGUU MASUMBA FARMERS SACCO LTD	291	117	157	17	18	255,520	144,150	111,370	40,120	0	0	0	0	0	0
WOTE/NZIU FARMERS SACCO	352	177	167	8	33	382,884	171,000	216,884	61,603	0	0	0	0	0	0
KAKO/WAJA FARMERS SACCO	556	308	229	10	18	660,910	89,900	571,010	68,450	140,330	0	35,330	105,000	15	4
KATHONZWENI WARD FARMERS SACCO	100	43	26	31	32	267,600	148,100	119,500	21,500	0	0	0	0	0	0
NZAKIKA FARMERS SACCO	187	49	127	11	13	654,450	172,510	481,940	45,200	0	0	0	0	0	0
NGUUMO FARMERS SACCO	1,081	737	322	23	43	362,100	171,000	191,100	38,000	0	0	0	0	0	0
NTHONZA KILIMO SACCO	497	292	200	5	22	728,210	308,100	420,110	107,900	0	0	0	0	0	0
NEW MBITINI FARMERS SACCO	312	115	147	50	65	370,710	204,550	166,160	121,500	195,904	31,812	25,100	109,500	9	2
KITISE KITHUKI FARMERS SACCO	1,211	794	400	17	75	676,954	66,200	610,754	127,202	826,800	151,836	261,000	565,800	21	10
KALAWA FARMERS SAVINGS AND CREDITS CO-OPERATIVE SOCIETY LIMITED	649	271	359	19	12	821,560	436,660	384,900	150,600	143,400	36,007	35,500	107,900	12	4

Figure 6.2-02: Data for automated SACCOs



Figure 6.2-03: SACCO book keepers and treasurers participating in automation of SACCOs - Integration Taking Place at Salama



Figure 6.2-04: SACCO book keepers and treasurers participating in automation of SACCOs.

2.7 Research Linkages, Technical Assistance and Institutional Capacity

Under NAVCDP, the CIGs/VMGs in all project wards are targeted under the project's saturation approach to receive extension support on their respective value chain Technologies, Innovations And Management Practices (TIMPs).

Training on TIMPs will be cascaded to target farmers using a four tier model. The first level will be training of staff from the county technical departments, Research Extension Liaison Officer(RELO) and CPCU as Trainers of Trainers (ToTs) on the respective TIMPs for the prioritized Value Chains in each county (Tier 1) by KALRO.

The second level, the trained county trainers (SMSs, CCEOs, POEs and RELO) will train the sub county and Ward extension staff on TIMPs (Tier 2), supervised by KALRO Value Chain Lead.

At level three, the extension staff will train agripreneurs, lead farmers and community based facilitators(CBFs) on TIMPs (Tier3) under the supervision of CPCU and SMS.

At level four, the Lead farmers, agripreneurs and CBFs will train the CIG/VMG members and other farmers on the respective TIMPs using the Lead Farmer managed demonstration sites and farmer field and business schools (FFBS) learning fields (Tier 4), supervised by the SCTTs. Refresher training will be given to Tier 2, 3 and 4 trainers at least once a year

2.7.1. Dissemination of validated Technologies, Innovations and Management Practices (TIMPs) to extension staff.

Sub County	All sub-counties
Ward	All wards
Budget	7,230,000
Completion Rate	18%
Thematic area scope	<ul style="list-style-type: none"> • Training of 150 extension staff on validated TIMPs for the five value chains (Mango, Dairy, Apiculture, Tomato and Chicken) • Training of 3800 lead farmers, 60 Community Based Facilitators and 60 Agripreneurs on TIMPs • Train 20 extension officers and 60 Community Based Facilitators on Farmer Field and Business School (FFBS) approach.
Thematic Progress	<ul style="list-style-type: none"> • 158 extension staff trained on TIMPs to enhance their capacity for service delivery. • 349 lead farmers, 0 Community-Based Facilitators and 0 Agripreneurs trained on TIMPs • NO training on FFBS conducted
Governance and Sustainability	<p>The trained extension officer's capacity is built for service beyond the project period and project value chains.</p> <p>Lead farmers trained are made to provide last mile extension support to fellow farmers.</p> <p>The FFBS approach is aimed at providing hands on experience for farmers in a season long engagement.</p> <p>CIGs will be the ultimate custodians and consumers of the promoted TIMPs</p>



Figure 1: Practical session for livestock staff on feed and rations



Figure 2: Dissemination of chicken TIMPs to staff



Figure 3: Dissemination of mango TIMPs to staff



Figure 4: Practical session on orchard management



Figure 5: Practical session on mango Value addition



Figure 6: Pest management Technologies for mangoes



Figure 7: Tomato TIMPs dissemination for staff



Figure 8: Practical on nursery preparation



Figure 9: pest and disease identification Tomato



Figure 10: Soil and water conservation session during TIMPS dissemination



Figure 11: Tomato value addition during TIMPs dissemination



Figure 12: Tomato value added products during TIMPs dissemination



Figure 13: Demonstration on Honey Extraction



Figure 14: Honey Extraction



Figure 16: Dairy TIMPs dissemination for staff.



Figure 17: Feed-rations formulation practical.

2.7.2. Dissemination of Technologies, Innovations and Management Practices (TIMPs) to farmers.

Sub county	All sub-counties
Ward	All wards
Budget	8,910,000
Completion Rate	30%
Thematic area scope	<ul style="list-style-type: none"> Dissemination of validated TIMPs to 156,000 farmers for the five value chains (Mango, Dairy, Apiculture, Tomato and Chicken) Establishment of 120 farmer field and business schools Collect 1470 soil samples for analysis Sensitize 100,000 farmers on e-voucher support
Thematic Progress	<ul style="list-style-type: none"> TIMPs disseminated to 46,112 farmers through CIG trainings and demonstrations 90 Demonstration sites established in 90 CIGs across the county for five value chains (Dairy 12, Apiculture 18, Mango 19, Poultry 24 and Tomato 17). 1410 samples collected and forwarded for analysis 88,650 farmers sensitized on e-voucher subsidies while 64,187 farmers have access to e-voucher especially fertilizers.
Grant support	Each demo was supported with Ksh.50,000 (90 demos at Ksh.4,500,000) for procurement of demonstration and training materials.
Governance and sustainability	The demonstration sites are established at the CIG lead farmer who is expected to continually support the group members on some technical issues. Soil mapping will assist in policy formulation on crop suitability and soil management in the county.



Figure 19: Launch of digital soil mapping at ATC



Figure 20: Governor launching Agripreneurs to do soil sampling.



Figure 21: Group photo on soil sampling hands on practice at ATC



Figure 22: training session on digital soil sampling



Figure 23: Innovation displayed during the Makindu show



Figure 24: Farm machinery display during the Makindu show

CIAs trainings and Demonstration sites establishment



Figure 1: Receiving of Demo materials – Tulimani Ward



Figure 2: Receiving of Demo materials – Kithungo/Kitundu Ward



Figure 3: Establishment of Tomato Demo farm (Nursery) – Kwakyai Group – Kikumbulyu South.



Figure 4: Receiving of procured Demo materials – Kikumbulyu South



Figure 5: Demo farm of one Lead farmer Muvau Kikumini ward.



Figure 6: Receiving Demo materials - Kako/Waia



Figure 7: TIMPs training on apiculture Mithumo interchange - Kako/Waia



Figure 8: Farm visit to Angaza fruit growers Mango Demo farm - Kako/Waia



Figure 9: TIMPs training of Tomato CIG(Kavuko CIG) – Kiimakiu/Kalanzoni Ward.



Figure 10: Establishment of Tomato Demo farm – Kaiti Dynamics Group – Wote/Nziu Ward



Figure 11: Receiving of Demo materials for apiculture – Kee Ward



Figure 12: TIMPS training at Darajani Beekeepers SHG – Mtito Andei Ward.



Figure 13: Delivery of demo materials in Wote Nziu ward



Figure 14: Demonstration on various hive equipment-Utumo Mutheke Mavindini ward

2.8 ENVIRONMENTAL AND SOCIAL SAFEGUARDS COMPLIANCE

This is a cross-cutting thematic area, collaborating with other thematic areas in order to enhance environmental sustainability and social inclusion in all NAVCDP investments/sub-projects. Investment proposals are screened for environmental and social risks and impacts to identify potential environmental, social, and gender-related risks. Identified risks are assessed and managed to ensure they are mitigated and do not compromise project objectives



Sub county	ALL Sub Counties
Ward	ALL Wards
Budget	Based on the scope of investments
Completion Rate	65%
Scope of Environmental and Social Safeguards Compliance	<ol style="list-style-type: none"> 1. Training of County Institutions on Environmental and Social Framework (County Grievance Management Committee (CGMC), CPCU, CTAC, CPSC, CGMC, CIDU) 2. Sensitization of community institutions Committee members on Environmental and Social Framework (CDDCs, SACCOs, FPOs, IWUAs) 3. Screening of all investments/sub projects for environmental and Social risks and impacts 4. Carrying out Environmental and Social Audit of Investments 5. Developing Environmental and Social Management Plans(ESMPs), Summary Project Reports or Comprehensive Project Reports (CPR) 6. Disclosing the ESS tools to beneficiaries in the subproject area/ investment 7. Monitoring compliance to environmental and social safeguards 8. Holding stakeholder engagement fora along value chains and thematic areas to enhance information disclosure 9. Institutionalizing a functional Grievance Management Mechanism in the Community institutions 10. Mapping Gender Based Violence (GBV) /Sexual Exploitation and Abuse (SEA) reporting pathways to enhance reporting of all GBV/SEA cases 11. Disseminating GBV/SEA mapping report to stakeholders 12. Conducting a Gender Gap analysis in the community institutions 13. Carrying out social assessments 14. Incidences and accidents reporting and management
Progress on Environmental and Social Safeguards Compliance	
Activity	Progress
Training of County Institutions on Environmental and Social Framework (CPSC, CTAC,CPCU, CGMC, CIDU)	<ol style="list-style-type: none"> 1. CPSC, CTAC, CPCU and CGMC trained on ESF
Sensitization of community institutions on Environmental and Social Framework, GRM, Gender Mainstreaming, cross cutting issues- (CDDC, SAIC, SACCO, FPO, IWUA)	<p>Sensitization done for:</p> <ol style="list-style-type: none"> 1. 30 CDDCs 2. 30 SAICs 3. 19 FPOs 4. 30 Supervisory Committee representatives 5. 2 IWUA – Kilombo and Kyuu

<p>Screening of all Financial and Infrastructure investments/sub projects for environmental and Social risks and impacts</p>	<p>Screening for Environmental and Social risks and Impacts done for the following:</p> <ul style="list-style-type: none"> • Inclusion Grant Investments proposal for 23 SACCOs • E-Voucher Animal Vaccination Proposals -13 FPOs • FLID Farm ponds at Marwa and Nguu Masumba - 30 each watershed respectively • Farmer-led Demonstration Plots for TIMPs adoption for the 5 value chains: Dairy, Poultry, Apiculture, Mango and Tomato -120 screened • 1 Proposed Establishment of Horticultural Crops Packhouse Project at ATC Kwakathoka <p>3 FPOs for the Climate Smart Technologies Enterprise Development Plans- Solarization of Milk Cooling Plants for Makueni, Solarization of Milk Cooling Plants and Establishment of a Hay Store for Kathonzweni Dairy, Solarization of Milk Cooling Plants and Establishment of a Mechanization Hub for Nguu-Masumba Dairy Cooperative Society Ltd</p>
<p>Development of Environmental and Social Management Plans(ESMPs), Summary Project Reports or Comprehensive Project Reports (CPR) for NAVCDP Investments</p>	<p>Development of Environmental and Social Management Plans(ESMPs)/Summary Project Reports / or Comprehensive Project Reports (CPR) for NAVCDP Investments have been done:</p> <ul style="list-style-type: none"> • ESMPs done for the screened 23 SACCOs for the Inclusion Grant Investment • ESMPs done for 13 FPOs for the E-Voucher Animal Identification, Registration and Vaccination Program • ESMPs done for the 30 Farm ponds at Marwa watershed in Kiima Kiu/ Kalanzoni Ward • ESMPs done for 30 Farm ponds at Nguu Masumba watershed in Nguu/Masumba Ward • ESMPs 120 Demonstration Plots for TIMPs adoption for the 5 value chains: Dairy, Poultry, Apiculture, Mango and Tomato ESMPs Disclosures done for 6 CIGs, namely: Kalovoto SHG, Poultry Value Chain- Kalawa Ward; Kikalo Kya Atumia Farmer Field School, Mango Value Chain- Kiima Kiu/Kalanzoni;LKwa Kyai Rural Cooperative -Tomato Value Chain; Darajani Beekeepers in Mtito Andei Ward; Wendo Wa Muvakani SHG in Thange Ward and Makwa Beekeepers in Emali - Mulala Ward • Environmental and Social Impact Assessment- Comprehensive Project Report (CPR) Developed Proposed Horticultural Crops Packhouse project due for submission to NPCU for review and input, and further submission to World Bank for No objection/clearance <p>3 Summary Project Reports done for 3 FPOs for the Climate Smart Technologies EDPs – Solarization of Dairy Societies at Nguu Masumba, Makueni Dairy and Kathonzweni Dairy: The NEMA Acknowledgement letters for the 3 EDPs are provided, 3 NEMA Licenses for 3 EDPs for Nguu Masumba Dairy, Makueni Dairy and Kathonzweni Dairy.</p>
<p>Disclosing the ESMPs to beneficiaries in the subproject area/ investment</p>	<p>The Disclosure and Sensitization of ESMPs to beneficiaries is ongoing:</p> <ul style="list-style-type: none"> • ESMP disclosure for Demo plots done to SCTTs/WTTs. Backstopping the process has been done in 6 CIGs: Poultry Value Chain in Kalawa Ward, Apiculture Value Chains in Emali-Mulala, Mtito Andei and Thange Wards, Tomato Value Chain in Kikumbulyu South Ward, Mango Value Chain in Kiima Kiu/ Klanzoni Ward, • ESMP disclosure was done for 2 FPOs-EDPs- Makueni Dairy and Kathonzweni Dairy • ESMP disclosure done in 2 SACCOs – Mbooni and Kilome Sacco

Monitoring compliance to environmental and social safeguards	Advisory on Environmental and Social Safeguards given to the CPCU, stakeholders and farmer groups
Holding stakeholder engagement fora along value chains and thematic areas to enhance information disclosure	<p>Stakeholder Engagement fora has been held as follows:</p> <ol style="list-style-type: none"> 1. 5 value chain platforms 2. County Environment Committee meeting 3. County Gender Sector Working Group meetings 4. Six Sub-county stakeholders meeting on vaccination programme <p>The stakeholder Engagement fora offer a platform to sensitize on Environmental and Social Safeguards and enhanced social inclusion(Gender focus)</p>
Institutionalizing a functional Grievance Redress Mechanism in the Community institutions	<p>In order to mitigate the risk of community conflicts, a 3-tier grievance mechanism is established as follows:</p> <ol style="list-style-type: none"> 1. County Grievance Management Committee established, inducted and sensitized on GRM, ESF, Gender mainstreaming 2. 30 Social Accountability and Integrity Committee established to carry out GRM function among other roles 3. 30 SACCOs have the supervisory committee executing GRM function 4. 13 FPOs have the supervisory committee executing GRM function 5. 1 IWUA with a functional GRM committee - Kilombo IWUA 6. Committees were trained on the manual GRM 7. Six (6) grievances that escalated to the county level were resolved and closed out successfully 8. A web-based GRM has been established to compliment the manual system; contacts are being continually disseminated to community <p>Web based GRM contacts:</p> <ol style="list-style-type: none"> a) SMS Code: 23990 b) WhatsApp: 0746 409 161 c) Email: grm@navcdp.go.ke d) NAVCDP Web Platform <p>Walk-in to departmental offices</p>
Mapping Gender Based Violence(GBV) /Sexual Exploitation and Abuse (SEA) reporting pathways to enhance reporting of all GBV/SEA cases	<ol style="list-style-type: none"> 1. During FY 24/25 mapping of GBV/SEA reporting pathways was done, reaching a total of 16 pathways and 682 duty bearers 2. One (1) mapping report prepared
Disseminating GBV/ SEA mapping report to stakeholders	<p>Dissemination of mapping report done to stakeholders including:</p> <ol style="list-style-type: none"> 1. Gender Sector Working Group 2. County Grievance Management Committee 3. Six (6) CIGs at the demonstration farms <p>NB. This is the current and continuous activity</p>
Conducting a Gender analysis in the community institutions	<ol style="list-style-type: none"> 1. In order to enhance social inclusion in governance structures, gender analysis was done for 30 SACCO ,11 FPOs, 30 CDDC, 30 SAIC, one (1) IWUA 2. Focused on participation of various groups in management and supervisory committees (men, women, youth, PWD)

Carrying out social assessments	One Social Assessment done focusing on participation by various groups in value chain activities (FY 24/25) Report prepared
Incidences and accidents reporting and management	No incidents or accidents have been reported to the CPCU for now.
Additional Activities (Where applicable) - no added activities	
Governance and sustainability 1. Committees 2. Agreements 3. Contracts 4. ESS compliance	<ol style="list-style-type: none"> 1. Ensuring committees adhere to 1/3 gender rule (CoK) 2. Ensuring Free Prior Informed consent is exercised when agreements are signed by community institutions 3. Contracts issued by the project are supposed to adhere to the ESF 4. Continous Environmental and Social Safeguards compliance ensured



Gender Sector Working Group meeting
Held on 17th Dec 2024, ECM Kyoni
Making remarks



CESCO training SACCO representatives on
ESS on 19.12.2024



Respondents and Technical Officers
Engagement on the NAVCDP Value Chains
Gender Analysis at WOTE



CGMC Quarterly meeting held on 14th
January, 2025



CTAC /CPSC training on ESF



Training Enumerators ahead of GBV/SEA referral pathways mapping



Social Safeguards Officer training CDDC/SAIC on ESS at Kibwezi Catholic Hall on 11th November, 2024



During dissemination of GBV mapping report to stakeholders



Sensitizing SCTT/WTT on Environmental and Social Screening of demo site investment proposal



ESMP Disclosure at Kiimakiu/Kalanzoni



Host farmer (Mango Demo sites) interacting with farmers at Kiima/Kiu Kalanzoni ward



Disclosing ESMP at Mtito Andei Ward - Apiculture demo farm



Disclosing ESMP at Wendo wa Muvakani SHG in Thange Ward - Apiculture



ESMP Disclosure for Tomato Value Chain CIG for Kwa Kyai Irrigation Scheme



Republic of Kenya



Government of Makueni County



**NATIONAL AGRICULTURAL VALUE CHAIN DEVELOPMENT PROJECT
MAKUENI COUNTY COORDINATION UNIT
DEPARTMENT OF AGRICULTURE, LIVESTOCK, FISHERIES AND
COOPERATIVE DEVELOPMENT**

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