

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



DEPARTMENT OF LANDS, URBAN PLANNING AND DEVELOPMENT, ENVIRONMENT &
CLIMATE CHANGE

P.O. BOX 78-90300 MAKUENI

MAKUENI COUNTY CLIMATE RISK ASSESSMENT REPORT



May 2023

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FOREWORD

It is with great pleasure that I present the Makueni County Climate Risk Assessment Report. This comprehensive report signifies a significant milestone in our collective efforts to address the challenges posed by climate change within the county. Makueni County, located in the heart of Kenya, has long recognized the importance of understanding and responding to climate risks. With its diverse landscapes, vibrant communities, and rich biodiversity, the county is both a treasure trove of natural resources and a hub of economic activity. However, like many regions around the world, Makueni County being an ASAL is adversely affected by adverse impacts of the changing climate.

To mitigate the risks and build resilience, the county embarked on an ambitious journey to conduct the Participatory Climate Risk Assessment (PCRA) Process succeeding the previously done ward participatory climate vulnerability and capacity assessments (PVCA) county-wide. This and the previous initiative aimed to engage stakeholders from all walks of life, empowering them to actively contribute their knowledge and insights into identifying, analyzing, and prioritizing climate vulnerabilities and risks faced by the county.

Importantly, this report also emphasizes the vital role of financing in supporting locally led climate change action. Recognizing that addressing climate risks requires resources and investments, it highlights the need for innovative financing mechanisms and partnerships to mobilize the necessary funds at the local level. By ensuring the availability of financial resources, we can facilitate the implementation of climate adaptation and mitigation measures that safeguard livelihoods, protect ecosystems, and promote sustainable development.

I would like to express my gratitude to all the individuals and organizations involved in the PCRA Process. The collective wisdom, dedication, and expertise exhibited by the participants have been instrumental in shaping this report and charting a path towards a climate-resilient future for Makueni County.

I encourage all Makueni County policymakers, development agencies, civil society organizations, and other stakeholders to utilize this report as a valuable resource for informed decision-making, policy formulation, resource mobilization and climate proofed-project planning and implementation. Together, we can forge a strong alliance to address climate change and ensure an inclusive sustainable development and prosperous future for the people of Makueni County.

I extend my sincere appreciation to everyone who contributed to the realization of this report. Your commitment to tackling climate risks at the local level serves as an inspiration to others and reaffirms our shared determination to build a climate-resilient society.

Dr. Sonnia Nzilani Musyoka

CECMS – Lands, Urban Planning & Development, Environment and Climate Change.

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CCCAP Task Force



Special appreciation goes to the Technical Working Group; Jackline Kamusa (Ag. Climate Change Director), Jonathan Ngayai (Director Meteorological Services), Ajelichah Mulwa (Climate Change Liaison Officer), Christopher Mutunga (Climate Change Officer), Richard Mwendwa (Economist/Budget Officer), Kelvin Mutua (Environment Social Safeguard officer), Joshua Mutua (GIS expert), Brian Kiio (Environment Officer), Catherine Mbinya (Environment Officer), Julius Mwangangi Mutia (Climate Change Officer), Madeleine Mbatha (M&E Officer) and Tom Ndolo (Environment Officer).

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LIST OF ACRONYMS AND ABBREVIATIONS

ADSE	Anglican Development Services Eastern
AI	Artificial Insemination
CCAP	Climate Change Action Plan
CA	Conservation Agriculture
CCF	County Climate Change Fund
CCU	Climate Change Unit
CFA	Community Forest Association
CRA	Climate Risk Assessment
CIDP	County Integrated Development Plan
CSO	Civil Society Organizations
ETF	Enhanced Transparency Framework
FLLoCA	Financing Locally Led Climate Action
GHG	Green House Gases
GIS	Geographical Information Systems
KFS	Kenya Forest Service
KPHC	Kenya Population and Housing Census
KMD	Kenya Meteorological Department
KWS	Kenya Wildlife Services
LH	Lower High
LM	Lower Middle
LLITN	Long Lasting Insecticide Treated Nets
OVC	Orphans and Vulnerable Children
NAP	National Action Plan

NEMA	National Environment Management Authority
NCCC	National Climate Change Council
NDC	Nationally Determined Contributions
PMTCT	Prevention of Mother to Child Transmission
PCRA	Participatory Climate Risk Assessment
PWD	Persons with Disability
RA	Regenerative Agriculture
SEKEB	South Eastern Kenya Block
TWG	Technical Working Group
UM	Upper Middle
UNFCCC	United Nations Framework Convention on Climate Change
VSO	Voluntary Service Overseas
WAO	Ward Agricultural Officers
WRA	Water Resources Authority
WRUA	Water Resource Users Association

DEFINITION OF TERMS

Climate Change	Change in the climate system that is caused by significant changes in the concentration of greenhouse gases due to human activities, and which is in addition to the natural Climate Change that has been observed during a considerable period.
Adaptation	Adjustment in natural or human systems in response to actual or expected climatic stimuli or their effects, which moderates harm or exploits beneficial opportunities.
Adaptive capacity	Ability of systems, institutions, humans, and other organisms to adjust to potential damage, take advantage of opportunities, or respond to consequences.
Global warming	Observed or projected gradual increase in global surface temperature. It is one of the consequences of Climate Change.
Greenhouse gases	Gases that absorb and emit radiant energy within the thermal infrared range. The main GHGs measured in a GHG inventory are, carbon dioxide (CO ₂), methane (CH ₄), nitrous oxide (N ₂ O), per-fluorocarbons (PFCs), hydro-fluorocarbons (HFCs), sulphur hexafluoride (SF ₆) and nitrogen tri-fluoride (NF ₃).
Mitigation	Human interventions to prevent or slow down atmospheric GHG concentrations by limiting current or future emissions, and/or enhancing potential sinks for greenhouse gases.
Resilience	Capacity of social, economic and environmental systems to cope with a hazardous event, trend, or disturbance.
Climate Hazard	Are weather related hydro metrological events which can cause harm to humans, property, livelihoods, resources, and the environment.
Vulnerability	Propensity or predisposition to be adversely affected. It encompasses sensitivity or susceptibility to harm, and lack of capacity to cope and adapt.
Shocks	

Stresses	<p>Potential, uncertain, abrupt or long onset events, whose main consequence is shifting the city from its current state to a disturbed state</p> <p>Chronic and ongoing dynamic pressures originating within the system, whose cumulative impact undermine the city's capacity for sustainability and resilience and render it fragile and vulnerable</p>
Hazards	Phenomena, substances, or situations with potential to cause disruption or damage
Exposure	Refers to the presence of people, livelihoods, ecosystems and other assets in places that could suffer negative effects

EXECUTIVE SUMMARY

The Makueni County Participatory Climate Risk Assessment (PCRA) Report provides a comprehensive analysis of the climate change context, risks, vulnerabilities and recommended actions for Financing Locally Led Climate Change Action Program. The report reflects the outcomes of the PCRA process conducted throughout Makueni County, Kenya. It aims to guide decision makers, development agencies and stakeholders in addressing climate change challenges and building resilience at the local level. The climate change context in Makueni County is characterized by a range of environmental, social, and economic factors that interact to create vulnerabilities in the community and development sectors. The county is located in a semi-arid region, experiencing erratic rainfall patterns and prolonged droughts. Climate variability poses significant challenges to agriculture (crop and livestock farming) and water availability, affecting the livelihoods and food security of communities. Furthermore, extreme weather events, such as floods and Crop and Livestock diseases outbreaks, exacerbate vulnerabilities and contribute to infrastructure damage and economic losses.

The PCRA Process engaged a diverse range of stakeholders, including community members, local government officials, civil society organizations, and researchers. Through a participatory approach, stakeholders identified and prioritized climate risks across sectors, considering the interplay between climate change and socio-economic factors. The key climate risks identified include: Water Scarcity and Insecure Access: Changing rainfall patterns and prolonged droughts affect water availability, leading to water scarcity and insecure access for households, agriculture, and livestock. Declining Agricultural Productivity: Climate variability and extreme weather events impact crop and livestock productivity, threatening food security, income generation, and livelihoods. Ecosystem Degradation and Biodiversity Loss: Climate change exacerbates ecosystem degradation, including deforestation, soil erosion, and loss of biodiversity, leading to reduced ecosystem services and increased vulnerabilities. Health Risks: Climate change influences the spread of vector-borne diseases, such as malaria and dengue fever, and poses challenges to public health infrastructure and services and Infrastructure Vulnerability: Increasing frequency and intensity of extreme weather events heighten the risks to critical infrastructure, including roads, bridges, and water supply systems, impacting economic activities and social services.

The report presents a set of recommended actions for Financing Locally Led Climate Change Action Program in Makueni County. These actions emphasize the importance of a multi-sectoral and integrated approach, incorporating both adaptation and mitigation measures. They include: Strengthening Water Resource Management: Implementing water conservation practices, promoting efficient irrigation techniques, and investing in water storage infrastructure to enhance water security and management. Climate-Smart Agriculture and Livestock Management: Promoting climate-resilient farming practices, diversifying agricultural systems, and providing support for livestock management to enhance productivity and resilience; Ecosystem Restoration and Conservation; Implementing strategies to restore and conserve ecosystems, including reforestation initiatives, soil and watershed management, and protection of biodiversity hotspots; Health and Disaster Risk Management: Strengthening early warning systems, improving healthcare infrastructure and services, and enhancing community-based disease surveillance to address climate-related health risks and Climate-Resilient Infrastructure Development: Incorporating climate resilience considerations into infrastructure planning, construction, and maintenance, including nature-based solutions and climate-proofing existing infrastructure.

By implementing the recommended actions, Makueni County can enhance its climate resilience, safeguard livelihoods, protect ecosystems, and promote sustainable development. It is crucial to mobilize financial resources and engage stakeholders at all levels to support locally led climate change action and achieve a climate-resilient future for Makueni County.

CHAPTER ONE: MAKUENI COUNTY OVERVIEW

1.1. Introduction and Background

Makueni County is one of the 47 Counties in Kenya. The County has an average population density of 186 persons. The County is divided into six sub-counties which are further subdivided into 30 electoral wards. Makueni County is a member of the South Eastern Kenya Block (SEKEB). Makueni County is situated in the South Eastern part of the country Bordering Machakos to the North, Kitui to the East, Taita Taveta to the South and Kajiado to the West. The County lies between Latitude 1° 35' and 3° 00' South and Longitude 37°10' and 38°30' East with an area of 8,176.7 KM².

The County population is 987,653 consisting of 489,691 males, 497,942 females and 20 inter-sex. Majority of the population in Makueni are young people age 0-14 years (34.9%) and 15-24 years (20.5%); the county total dependency ratio is at 71.3% with child dependency (59.7%) and old age dependency (11.6%) (KNBS, 2019) Makueni County has a poverty index of 34.5% which is slightly lower than the national index of 35.7% This means approximately a third of the total population is highly vulnerable to climate risks.

The County is characterized by three main Agro-ecological zones namely; the Upper Middle, Lower High and the Lower Middle zones. The Upper Middle (UM) zone mainly covers the uplands of Mbooni and Kaiti that practice coffee, avocado, macadamia, maize and beans farming and Dairy farming. The Lower High (LH) zone is mainly found in Makueni and Kilome Sub-Counties where mango and citrus fruits, grains, and root tubers farming are practiced. The lower Middle (LM) zone covers Kibwezi West and Kibwezi East where cowpeas, pigeon peas, dolichols, green grams, sorghum are mainly grown and also characterized by rangelands suitable for livestock production. Other economic activities include quarrying and small-scale mining

The annual rainfall in upper zones ranges from 1,000MM to 1,250MM and mean temperature ranges from 21°C to 22°C. In the middle zone, the annual rainfall ranges from 750MM to 1,000MM and mean annual temperatures range from 22°C to 24°C while in the lower zone annual rainfall ranges from 250MM to 750MM and mean annual temperatures range from 24°C to 25°C. Given its geographical location and climatic conditions, Makueni County faces unique climate change risks and vulnerabilities. The County is an Arid and Semi-Arid Land (ASAL), characterized by irregular rainfall patterns and frequent droughts. The climate variations Have led to water and food insecurity hence affecting the overall well-being of the population.

The water sector aims to improve water access, environmental conservation and sustainable utilization of natural resources. The County has a forest cover of 5.1% and tree cover of 12.47 % with Gazetted Forest covering 150.2Km² and non- gazetted forest 76km². The major water resources in the county are Thwake, Kaiti, Kikuu and Muuoni Rivers, wetlands such as Mangelete, Kiu, Kiboko, springs such as; Mzima, Umanyi, Kibwezi. The County has 1,592 mapped water sources including Earthdams, Sand dams and boreholes with a 39,000m³ water production. The County has gazetted national parks covering an area of 1276.5km².

The average farm size in Makueni is 0.25Ha where main cash crops are coffee, macadamia, french beans and fruit trees. Food crops include maize, beans, green grams, cowpeas, cassava and sweet potatoes. The County promotes fruit value chains for Mango, Citrus, Macadamia, and Avocado, livestock value chains and pulse value chains. The area under green gram production is 69,955 Ha, while the area under pigeon peas is 65,279 Ha. The area under cowpeas increased is 63,564 Ha while the area under maize is 150,726 Ha. The area under

avocado is 270 Ha and area under mangoes is 21,309 Ha. To enhance the value chains the county has a Makueni Integrated Grain Value addition plant with a processing capacity of 2 metric tonnes per hour and the Makueni fruit processing plant. The county paved road network is 502.7 Km. The electricity connectivity is 25 % and ICT literacy is 57%.

The County has One level five hospital, 14 level four and 347 level 3. The leading cause of morbidity for the under-fives is the upper respiratory tract infection while upper respiratory tract infections and hypertension are the leading causes of morbidity among the over fives.

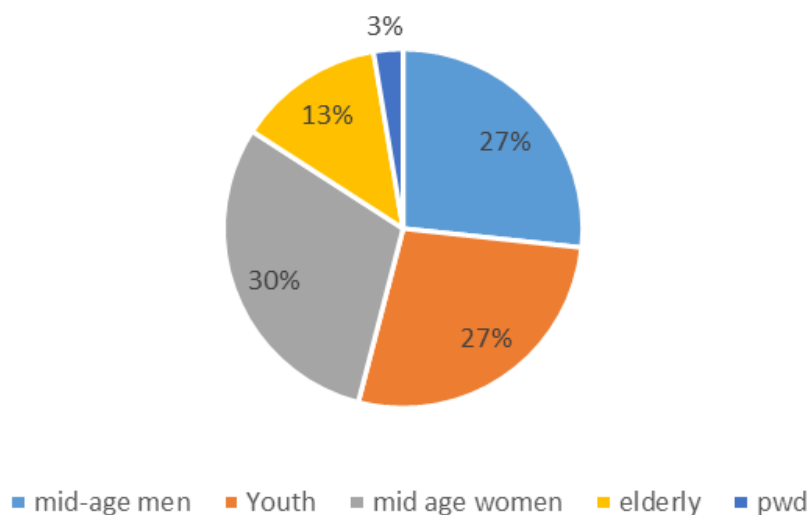
The number of registered PWDs in the County is 11,795 out of 36,369 PWDs in the County. The County has 1,620 registered community groups. The county has 2 talent centers and the main programs on social protection are food and non-food programmes, enrollment of elderly to NHIF, sponsorship to the needy and OVCs. The County boasts various trade and tourism sites such as national parks; Chyulu Hills and Tsavo West national parks. The area under National Parks and reserves is 1,276.5KM². The County's urbanization rate is 8% with main urban centers including, Wote, Emali, Kibwezi, Mtito Andei, Makindu, Kikima, Konza and Sultan Hamud. The County has 5,042.7KM² as arable land and 1,762.7KM² as non-arable land.

Participatory Climate Risk Assessment (PCRA) was conducted to understand the climate hazards and risks across the County. The process involved participatory analysis of the climate context in Makueni, related risks, vulnerabilities, existing and new strategies for adaptation identified by local communities and stakeholders in key sectors such as Agriculture, Environment and Natural resources for locally led climate actions.

The PCRA process integrated the Participatory Vulnerability Capacity Assessment (PVCA) previously conducted in the County to provide a comprehensive and informed strategies for Climate Actions that included climate resilient investments to increase access to potable water among which; Ngai Ndethya sand dam in Mtito Andei, Masue rock catchment in Mbitini, Kwa Mutuku & Kwa Kilii Sand dam in Nguu Masumba and Ngaamba-Masaa water project in Kiima Kiu/ Kalanzoni.

The PCRA process was undertaken in all the wards in the County, with community and stakeholder engagement forums involving 944 participants. The process adopted an inclusive approach, involving different interest groups. The analytical representation is as shown below.

Disaggregated data on the vulnerable groups reached during the PCRA process



1.2. Policy Context

1.2.1 International Policy Framework

Kyoto Protocol

The Kyoto Protocol was adopted on 11 December 1997 and entered into force on 16 February 2005. The Protocol operationalizes the United Nations Framework Convention on Climate Change (UNFCCC) by committing industrialized countries and economies in transition to limit and reduce greenhouse gasses (GHG) emissions. The convention requires member countries, Kenya being a party, to adopt policies and measures on mitigation and to report periodically. The County has sphere headed implementation of afforestation and reafforestation programs in key landscapes such as Makuli Nzau and Mbooni hills for carbon sequestration. Makueni County is currently implementing the REDD+ project in the chyulu landscape. There is a developed draft energy policy and action plan to guide the County towards transition to a low carbon emission.

Paris Agreement, 2015

The Paris Agreement is a legally binding international treaty on climate change adopted by 196 Parties at the UN Climate Change Conference (COP21) in Paris, France, on 12 December 2015 and entered into force on 4 November 2016. The goal is to hold “the increase in the global average temperature to well below 2°C above pre-industrial levels” and pursue efforts “to limit the temperature increase to 1.5°C above pre-industrial levels.” The Makueni County Draft energy policy depicts utilization of efficient energy technologies at household levels and in development projects. This feeds into the Makueni County Climate

Change Action plan 2023-2027 which provides for measures to adopt energy efficiency for climate change mitigation.

The Paris Agreement talks on Nationally Determined Contributions (NDCs) whereby Countries should communicate actions they will take to reduce their greenhouse gas emissions in order to reach the goals of the Paris Agreement. Countries also communicate in their NDCs actions they will take to build resilience to adapt to the impacts of climate change. The County has been reporting on Climate Actions annually, a report which feeds into the Nationally Determined Contributions (NDCs)

African Agenda 2063

This is a strategic framework for socio-economic transformation with the goal of having environmentally sustainable and climate resilient economies and a priority area on climate resilience and natural disaster preparedness. Makueni endeavors to adopt climate smart agriculture for enhanced community livelihoods and develop climate proof infrastructure as the County targets to build community resilience.

1.2.2 National Policy Framework

Constitution of Kenya, 2010

Article 42 of CoK 2010, provides for the right to a clean and healthy environment for every Kenyan which includes the right to have the environment protected for the benefit of the present and future generations, thereby establishing commitment to ecologically sustainable development. Makueni County has an Environment and Climate Change Department, mandated with the implementation of the devolved environmental functions.

Environmental Management and Coordination Act (EMCA) 1999 Rev 2015

The Act provides for environmental management and conservation, including climate change mitigation and adaptation. The Act makes provision for environmental protection through; Environmental impact assessment, Environmental audit and monitoring and Environmental restoration orders, conservation orders, and easements. Makueni county undertakes Environmental and Social Impact Assessments for development projects to ensure sustainability and has a gazetted County Environment Committee (CEC) that coordinates environmental matters

Climate Change Act, 2016

Its main objective is to enhance climate change resilience and low carbon development for sustainable development in Kenya. The Act establishes Climate Change institutional structures and climate change funds. The Makueni County Climate Change Act 2022 is aligned to the Climate Change Act 2016 and this provides for the County Climate Change Fund and a framework for strategic interventions to address climate change impacts in the County.

National Climate Change Response Strategy

The strategy focuses on strengthening national actions towards Climate Change assessments and adaptations and GHG emissions mitigation by ensuring commitment and engagement of all stakeholders in view of the vulnerable nature of Kenya's natural resources and society. The National Climate Change Response Strategy provides for vulnerability assessment which Makueni County undertook. The strategies

provide for interventions in key sectors which will inform the strategic actions in the County Climate Change Action Plan.

National Climate Change Action Plan 2018-2022

The objective of the plan is to encourage low carbon climate resilient development throughout the Country in a manner that prioritizes adaptation. It also considers the impact of climate change on Kenya's socio-economic sectors and further identifies strategic areas where climate action can be linked to the big four agenda. The County had domesticated the NCCAP by formulating and CCCAP.

National Climate Change Framework Policy, 2018

The document provides a framework to guide the development and implementation of detailed climate change interventions listed in the climate change action plans. The policy aims to integrate climate change considerations into planning, budgeting, implementation and decision making at the National and County level and across all sectors. It also established a funding mechanism and strategy that enables implementation of priority actions for climate resilience, adaptive capacity and low-carbon growth. The County has mainstreamed climate change into the CIDP

National Adaptation Plan (2015-2030)

The National Adaptation Plan details institutional arrangements, including monitoring and evaluation processes. It also provides an analysis of the current and future climate trends in Kenya, highlighting key institutional and policy coordination relevant to climate change and presents a climate risk profile for the Country. It further identifies priority actions in key planning sectors for the short, medium and long in line with the Country's development plan. The County has developed a County Adaptation Plan in line with the National Adaptation Plan (2015-2030)

Climate Smart Agriculture Strategy (2017-2026)

The broad objective of the strategy is to adapt to climate change resilience of agriculture systems while minimizing emissions for enhanced food and nutritional security and improved livelihoods. In this respect the strategy aims at enhancing the adaptive capacity and resilience of the actors in the agriculture sector by addressing cross-cutting issues that adversely impact climate -smart agriculture. The strategy recognizes the role of the Climate Change Act and NAP in improving coordination and collaboration among institutions and stakeholders in climate smart agriculture.

Energy Act, 2019

The Act promotes mitigation of climate change through energy efficiency and renewable energy, and provides for establishment of the Rural Electrification & Renewable Energy Corporation which under its mandate shall harness opportunities offered under clean development mechanism and other mechanisms including, but not limited to, carbon credit trading to promote the development and exploitation of renewable energy sources. The policy is aligned to the County Energy policy

1.2.3 Makueni County Policy Framework

In recent years, Makueni County has embarked on initiatives aimed at promoting sustainable development and resilience-building. The county government has demonstrated a strong commitment to addressing climate change challenges and integrating climate considerations into its policies and programs.

Makueni County Integrated Development Plan (CIDP) 2023-2027

The Makueni County CIDP 2023-2023 is centered on building a resilient economy for sustainable development. The plan incorporated both international and the Countries commitments on matters related to climate change among them the Paris Agreement on Climate Change, 2015, Sustainable Development Goals one of them being on Climate Action-SDG No. 13 which tasks Countries to take urgent actions to combat climate change and its impacts. The CIDP has outlined different sector programmes. In the Water, Environment & Natural Resources sector, a programme on climate change mainstreaming has been well outlined with an aim of mainstreaming climate change initiatives in the County.

Makueni County Spatial Plan 2019-2029

The plan was developed as a concerted effort to evaluate the County's physical, infrastructural and human resources and also to guide the development activities in the County. In the policy's objectives, one is to maintain a viable system of green and open spaces for a functioning ecosystem and to work towards the achieving and maintenance of a tree cover of at least 10% of the land area of Kenya.

The plan adopts the existing geophysical properties of the County territory as an entry point for formulating the County spatial development framework. Consequently, the three natural components (landforms, drainage and ecology) are integrated into one apparatus that will serve as a primary organizing element in a strategy of "structuring by nature". The strategy entails delineating all the areas within the County that are prone to degradation (steep hill slopes, riparian), hazard prone areas (scarps, volcanic fields), environmentally sensitive areas (wetlands, wildlife habitats). Specific intervention measures are then suggested in relation to each of the areas.

Makueni County Environment and Climate Change Policy, 2020

The Policy recognizes that climate change poses significant environmental implications for Makueni County as some of the adverse impacts are already being observed as evidenced by reduced supply of water from many water sources in the County. Other challenges brought by climate change include floods, mudslides and prolonged droughts. The policy addresses climate change issues in one of its objectives (3.2.7) which is to enhance climate resilience with a policy direction that the Government shall establish mechanisms for enhancing climate change resilience in the County. These will be achieved through implementation of the following strategies; mainstreaming climate change in County sectors, establishing a County climate fund mechanism, capacity building institutions to take up climate change actions and creation of partnership linkages.

Makueni County Climate Change Act 2022

The Act enhances climate resilience through mobilization of resources for development, management, implementation, regulation and monitoring of adaptation and mitigation measures and actions. The Act

establishes the CCF Board which shall mainstream climate change projects, programmes and activities in County planning and budgeting, and ensure their approval and inclusion in the CIDP. The Fund shall also be responsible for coordinating capacity building at Ward and County level and be responsible for financing cross ward and cross County climate change programmes and mobilize funds. The Act affirms allocation of 2% of the County's Development budget to be channeled into the climate change fund

Makueni County Climate Change Fund Regulations 2015

The regulation establishes a County Climate Change Fund with a purpose of providing funding for climate change activities identified in the Makueni County Integrated Development Plan and for connected purposes. The regulations also stipulate on sources of fund and establishes a County Climate Change Fund Management Board which shall manage the funds. Among the functions of the board; is mainstreaming climate change projects, programmes and activities in County planning and budgeting and ensure their approval and inclusion in the County Integrated Development Plan.

Makueni County Disaster Management and Special Programmes Policy, 2022

The policy seeks to prioritize disaster management and pursues to promote citizen empowerment within Makueni County by employing a bottom-up approach that focuses on the village level for Disaster preparedness, response, recovery and rehabilitation programmes. Building capacities of people living in disaster prone areas and improvement of their capabilities in order to cope with all hazards is therefore central and critical to the policy intentions of Makueni County.

Makueni County Public Participation Policy, 2020

The policy recognizes that realization of responsive and people driven development requires effective public participation in all stages of project cycle. Active involvement of the citizens often legitimizes identification with development programmes and projects and ownership of the implemented interventions. The policy prioritizes operationalization of participatory development units through continuous community-based planning, project identification, proposal development and prioritization activities and initiatives. The policy also prescribes for adequate notification of public participation, and provision of timely and accurate information in accessible formats.

1.3. Purpose of the CRA Report

The County Climate Change Risk Assessment (CRA) serves as a strategic document that outlines the priorities, goals, and actions to address climate change risks and hazards within Makueni County. It provides a roadmap for integrating climate considerations into development planning, resource allocation, and policy formulation. The primary purpose of the CRA report is to enhance climate resilience, promote sustainable development, and safeguard the well-being of communities and ecosystems. CRA is one of the key requirements under the FLLoCA program for accessing the Climate Resilience Investment Grants from the National Treasury. The County carried out Participatory Climate Risk Assessment to identify major climate risks, sources of vulnerability and priority adaptation strategies to mitigate the challenges.

1.4. Makueni County PCRA Process

The development of the County Climate Risk Assessment Report involved a participatory and inclusive process to ensure that inclusion of diverse stakeholders, including women, youth, people living with disabilities, and other vulnerable groups. The process created a platform and an opportunity to contribute

their perspectives, knowledge, and experiences. The process sought to empower these groups and enable them to actively participate in decision-making and planning processes. Recognizing the urgency and importance of addressing climate change, Makueni County has undertaken the Participatory Climate Risk Assessment Process to identify and prioritize climate risks. This process engages stakeholders at all levels, ensuring their active participation in shaping locally led climate change action and resilience-building efforts. The following ten steps were used by Makueni County in development of the CRA report.

Step 1: Constitution of Sector Working Technical Group and Consultative Group (Directors) NDMA MET

The Chief Officer in charge Environment and Climate Change appointed a technical working group of County directors to steer the process. The representative directors were from various sectors which include Environment, M&E, Social Development, Gender, Planning, Agriculture & Irrigation, Water & Sanitation, Special Programmes, Health Services, Strategic Partnerships, Public Participation, and a member of Makueni Climate Change Board. The composition of the technical working group incorporated director MET, NEMA and NDMA for better coordination. The consultative taskforce supported the technical working group in preparing the CRA report which informed the development of CCAP.

Step 2: Capacity Building of Sector Working Technical Team

The Technical Working Group undertook comprehensive training on development, resource mobilization and implementation of CCAP. The training also involved PCRA process, guidelines and key templates for data collection and involved both the consultative taskforce and Technical Working Group. The training on the PCRA process involved roll-out of the process and was coordinated by the CCU.

Step 3: Mapping Stakeholders and Analysis

The technical team identified all stakeholders for climate change in building adaption and resilience through their actions and responses climate hazards and impacts. The analysis profiled stakeholder in terms of their influence and interests in matters related to climate change. Stakeholder Analysis is the technique used to identify the key partners for successful planning, identification of climate risks, its impacts and strategic adaptation interventions and implementation of climate actions. The benefits of using a stakeholder-based approach are that: The opinions of the most powerful stakeholders shape the program at an early stage, their input improves the quality of your project. Gaining support from stakeholders is useful in resource mobilization enhancing the Climate Change Fund for effective climate actions.

Stakeholder identification

The technical Working Group identified organizations and Departments which have interest in climate actions, are impacted by climate change or are involved in climate action in the County. The stakeholders identified are Community based organizations, civil society organizations, faith based organizations/representatives, customary groups, local producer groups, local experts, community leaders, business groups and financial organizations, youth groups, women groups, representatives of people living with disabilities and Government Agencies. Stakeholder list attached. In addition, the Technical Working Group identified stakeholders who have carried out climate risk and hazard assessment in the County.

Table 1: Stakeholder Analysis

<p>High Influence, Low Interest</p> <ul style="list-style-type: none"> • Financial Institutions (Equity Bank, ABSA, Family Bank) • Business community 	<p>High Influence High Interest,</p> <ul style="list-style-type: none"> • Gov agencies: KFS, KWS, NEMA, TARDA NDMA, KEFRI <p>Department of, Water, and sanitation Department of Environment, Natural Resources and Climate Change Department of Agriculture, livestock, fisheries and cooperative development Department of Meteorological Services;</p> <ul style="list-style-type: none"> • Civil Society Organizations (ADA Consortium, ADS Eastern) • County Assembly <p>WRA</p>
<p>Low influence, Low Interest</p> <ul style="list-style-type: none"> • Communication Officers • Secretarial staff <p>Academic and Research Institutions (Wote Technical Training institute)</p>	<p>Low Influence, High Interest</p> <ul style="list-style-type: none"> • Kenya Water Towers Agency <p>Department of Transport, infrastructure, Energy and public works County Environment Committee(CEC) members</p> <ul style="list-style-type: none"> • Academic and Research Institutions (SEKU, Lukenya University) <p>VSO Kenya Redcross</p>

The different stakeholders identified were engaged in every stage of the process as follows.

1. Representation in the Cross Sector Technical Working Group
2. Formation of an additional consultative Group for further consultation and advice
3. Community engagement and ward level stakeholder's engagement;
4. Stakeholder engagement at County level
5. County Assembly Engagement
6. County Executive engagement

Step 4: Preparation of Ward Level Community and Stakeholder Engagement

Climate Change Unit carried out sensitization forums through radio, other media platforms to inform citizens on the dates and reasons for carrying out PCRA exercise. The adverts were to mobilize communities and ward climate change planning committees through the support of office of administration and public participation. The technical team mapped and clustered the wards for efficiency and identification of accessible venues for all teams giving proximity of the wards. In addition, the technical team prepared the respective engagement tools, materials and programs for the exercise before the start of the exercise. The advert gave the communities 7-day notice for better preparation of the actual exercise.

Step 5: Community Engagement and Data Collection

Three wards were clustered for the actual participation and each ward had on average 30 participants. The participants consisted of all groups in the ward with high consideration of vulnerable and marginalized groups. The team leaders for each group gave the reasons for the PCRA and the participants were divided according to the wards for actual hazard profiling and analysis according to PCRA guidelines. The exercise involved the following procedure and activities;

Activity 1: Introduction of community members, WCCPCs, Ward Officers and Technical working group

Activity 2: Identification of resources and inputting into the map; Mapping of risks

Activity 3: Climate information discussion on historical, current and projected scenarios

Activity 4: Identification of Climate risks, Direct and Indirect Impacts; Identification of vulnerable groups

Activity 5: Group work working of priority Climate Risks discussing on adaptation strategies, effectiveness of the strategies, actions that support the strategies, Factors undermining the strategy, new adaptation

Activity 6: Action Planning

Activity 7: Validation of composition of Ward Climate Change Planning Committees

Step 6: Ward Level Data Cleaning and Compilation

The technical Working Group held working sessions to consolidate the data and information obtained from the ward level consultations.

Step 7: Development of Ward PCRA Reports

Working teams shared Ward reports to help draft PCRA reports

Step 8: Development of County CRA Report

The Technical Working Group held a four days retreat to compile the County level CRA report

Step 9: Multi-sector Engagement on County CRA Report

Activity 1: Soft copies of the draft County PCRA report as shared out to different stakeholders

Activity 2: Two days stakeholders' workshop to receive comments and views on how to improve the report

Activity 3: The Technical Working group produced an advanced County PCRA report after incorporating stakeholder comments

Step 10: Public Input County CRA Report

Activity 1: Send out the draft County CRA report to the public through the county website and individual emails

Activity 2: Receiving comments virtually

Activity 3: Drafting of the zero draft of the County CRA report

Step 11: Submission to Cabinet for Consideration and Approval

Activity 1: Printing the Zero Draft

Activity 2: Review by the County Steering Committee

Activity 3: Forwarding to Cabinet

Step 12: Approval by County Assembly

1.5 Differentiated Climate exposure and Vulnerability of key groups

Summary of Differentiated Climate exposure and Vulnerability of key groups and livelihoods in the County	
Vulnerable group	Group characteristics
Children and OVCs	<ul style="list-style-type: none">• In school, leading to lack of involvement in decision making• Resource poor• Depended on HH heads• Low immunity• Not involved in income generating activity• Low adaptive capacity• Very sensitive to climate stressors• Has no access and control of assets• Low immune systems• No access to information
Women	<ul style="list-style-type: none">• Resources poor and most are house wife's• Depended on HH heads• Depends on casual Labour and subsistence farming• Cultural Limitations and values• Left out and no equal opportunity in decision making• Low adaptive capacity.• Have access to HH assets but no control• Low control on resources such as land
Youth	<ul style="list-style-type: none">• Resource poor• Depended on HH heads• Depends on casual labour• Left out and not equal opportunity in decision making• High unemployment• Drug abuse• Limited access and control to HH assets
Elderly 65 years +	<ul style="list-style-type: none">• Depended on HH heads• Depends on casual labour• Low immunity• Not energetic• Old-age diseases reduce their adaptive capacity•

PWD and special needs	<ul style="list-style-type: none"> • Resource poor • Depended on HH heads • Depends on casual labour • Left and not equal opportunity in decision making • Stigmatization • Depressed • Discriminated and isolated • Cultural myths that they are cursed • Low access and control to assets • Low access to information
Chronically ill	<ul style="list-style-type: none"> • Resources poor • Highly depended on relatives • Depends on casual labour • Left and not given equal opportunity in decision making • Low immunity • Stigmatization • Depressed • Discriminated and isolated • Cultural myths terming them as cursed
Informal settlers - BOMA 4 (mikumboni) - Misongeni - Manyatta - Kismayu in kiboko, Kibwezi and Emali	<ul style="list-style-type: none"> • Informal housing • No access to information • Depends on casual labour • Left and not given equal opportunity in decision making • No access to basic production assets such as land

CHAPTER TWO: MAKUENI COUNTY HAZARD PROFILE

2.1 Historical and Current Climate Hazards and Trends

The main climatic hazards in Makueni County are drought, erratic rainfall patterns, prolonged dry spells, short leaved torrential rainfall episodes during the two rainy seasons, thunderstorms and lightning have also increased in frequency and intensity.

Table 2: Characteristics of Agro-ecological Zones

UPPER ZONE	MIDDLE ZONE	LOWER ZONE
1. Annual rainfall ranges from 1000 to 1250mm	1. Annual rainfall ranges from 750mm to 1000mm	1. Annual rainfall ranges from 250mm to 750mm
2. Mean annual temperature ranges from 21°C to 22°C	2. Mean annual temperatures 22°C to 24°C	2. Mean annual temperatures 24°C to >25°C
3. Upper midland semi-arid	3. Lower midland transnational conditions	3. Lower low land arid
4. Upper midland semi-arid to arid	4. Upper midland semi-arid conditions	4. Lower midland semi-arid
5. Upper midland semi-humid conditions	5. Sandy loams soils (main soils)	5. Lower midland transitional
6. Lower highland sub-humid conditions	6. Sandy clay loams	6. Upper midland sub-humid
7. Sandy loams soils (main soils)	7. Clay loams	7. Sandy loams soils (major soils)
8. Sandy clay loams		8. Clay loams
		9. Sandy clay loams

2.2 Climate Trends in Makueni

Makueni county is largely an Arid and Semi-Arid land; prone to frequent droughts due to unreliable and erratic rainfall. The county experiences two rain seasons in a year. The long rains are experienced during the March-May-April-June season with the volume of rainfall averaging at 140 MM over the last five years. Short rains are experienced during the October – December season with higher volumes of precipitation being realized with a five-year average of 300MM.

The mean annual temperatures in Makueni range from 22.7 Degrees Celsius to 24 Degrees Celsius over the past years.

2.2.1 Historical mean temperatures in Makueni County

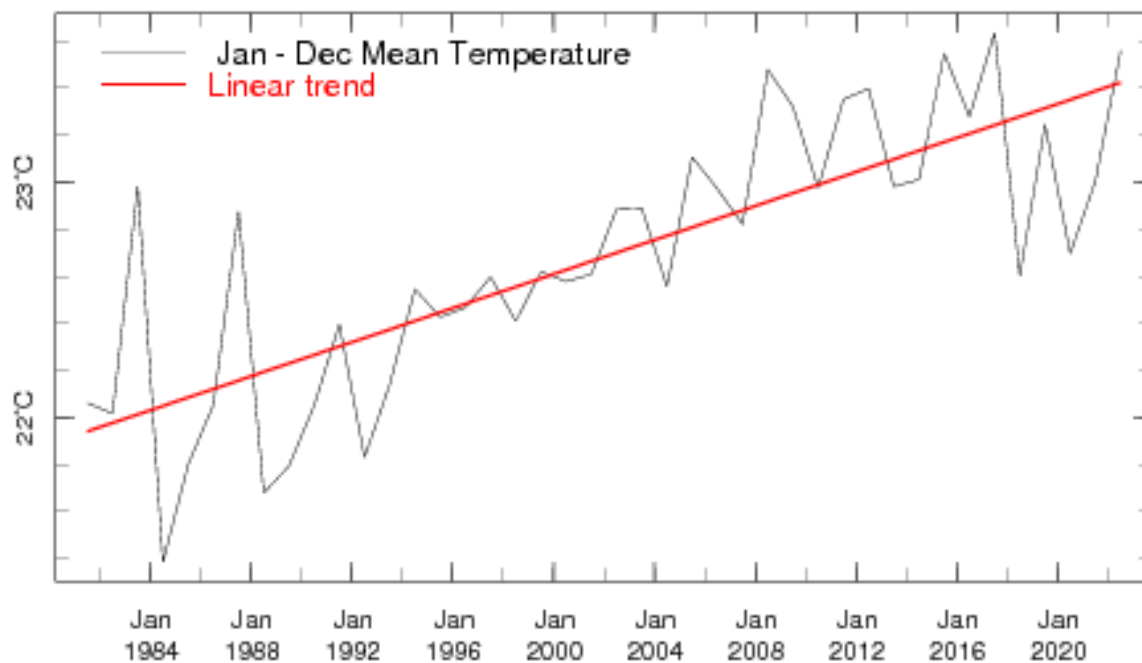


Figure 1: Historical mean temperatures in Makueni County

The linear trend (red) shows a steady increase in mean temperatures from 1984-2020(Source kmd map room)

Rainfall ranges from 1000mm -1250mm in the upper zone, 750mm - 1000mm in the middle zone and 250mm -750mm in the lower zone.

2.2.2 Historical average rainfall trend for Makueni County

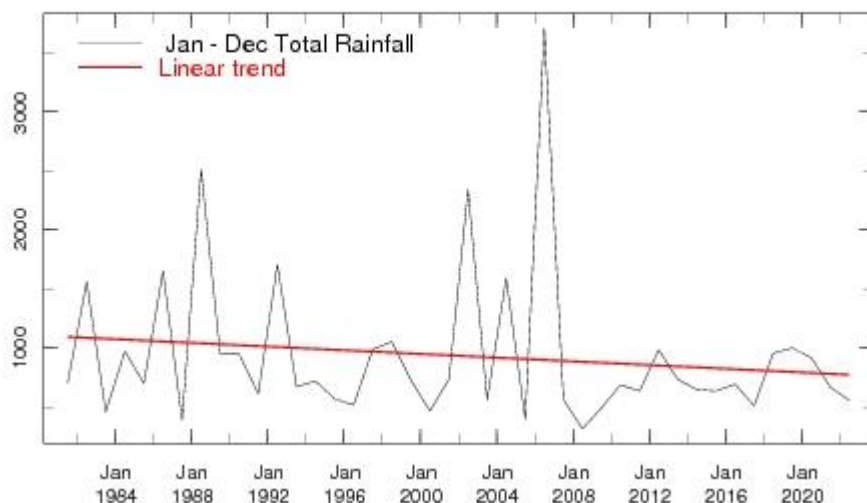


Figure 2: Historical average rainfall trend for Makueni County

The linear trend (red) shows a gradual decrease in rainfall annual amounts from 1984-2020(Source kmd map room)

2.2.3 Current Annual Climate Information for Makueni County

2.2.3.1 Rainfall

The rainy period of the year lasts for 7.8 months, from October 4 to May 29, with a sliding 31-day rainfall of at least 0.5 inches. The month with the most rain in Makueni is November, with an average rainfall of 2.6 inches.

The rainless period of the year lasts for 4.2 months, from May 29 to October 4. The month with the least rain in Makueni is July, with an average rainfall of 0.0 inches.

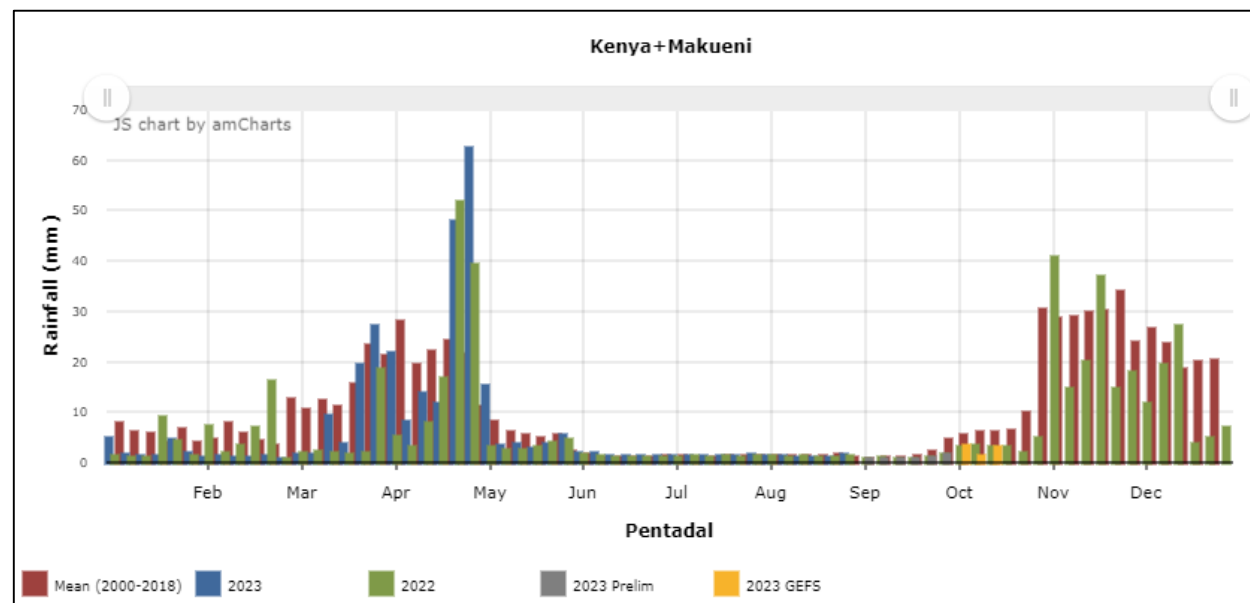


Figure 3: Current Annual rainfall in Makueni County

Source; Fewsnets tool

2.2.3.2 Average Annual Temperature in Makueni

The hot season lasts for 1.9 months, from February 2 to March 31, with an average daily high temperature above 84°F (28.8°C).

The cool season lasts for 2.6 months, from June 11 to August 29, with an average daily high temperature below 79°F (26°C). The coldest month of the year in Makueni is July, with an average low of 58°F (14.4°C) and high of 77°F (25.0°C).

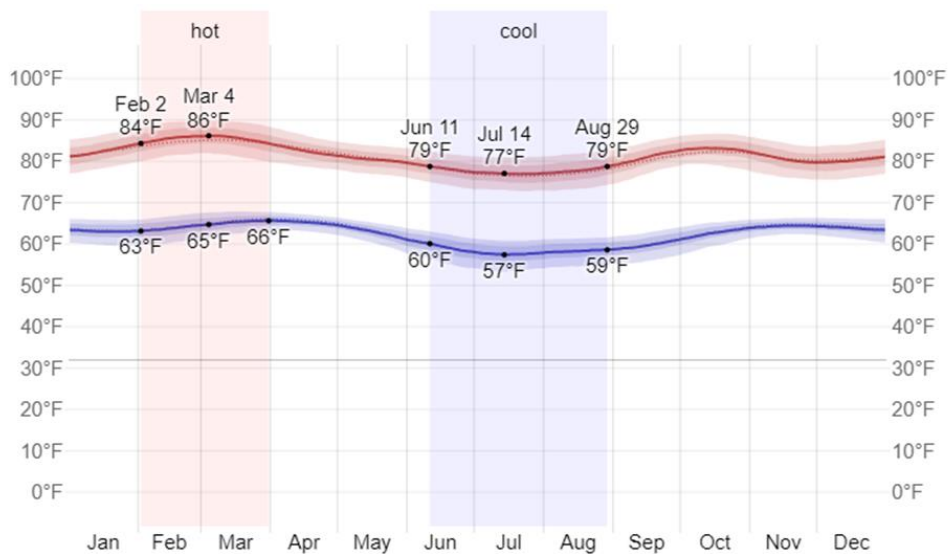


Figure 4: Current Annual minimum and maximum temperatures in Makueni

2.2.3.4 Humidity

We base the humidity comfort level on the dew point. Lower dew points feel drier and higher dew points feel more humid. Unlike temperature, which typically varies significantly between night and day, dew point tends to change more slowly, so while the temperature may drop at night, a muggy day is typically followed by a muggy night.

Makueni County experiences *significant* seasonal variation in the perceived humidity.

The *muggier period* of the year lasts for 6.5 months, from November 2 to May 19, during which time the comfort level is *muggy*, *oppressive* or *miserable* at least 8% of the time. The month with the muggiest days in Makueni is April, with 8.8 days that are *muggy* or worse.

The month with the fewest *muggy days* in Makueni is August, with 0.0 days that are *muggy* or worse.

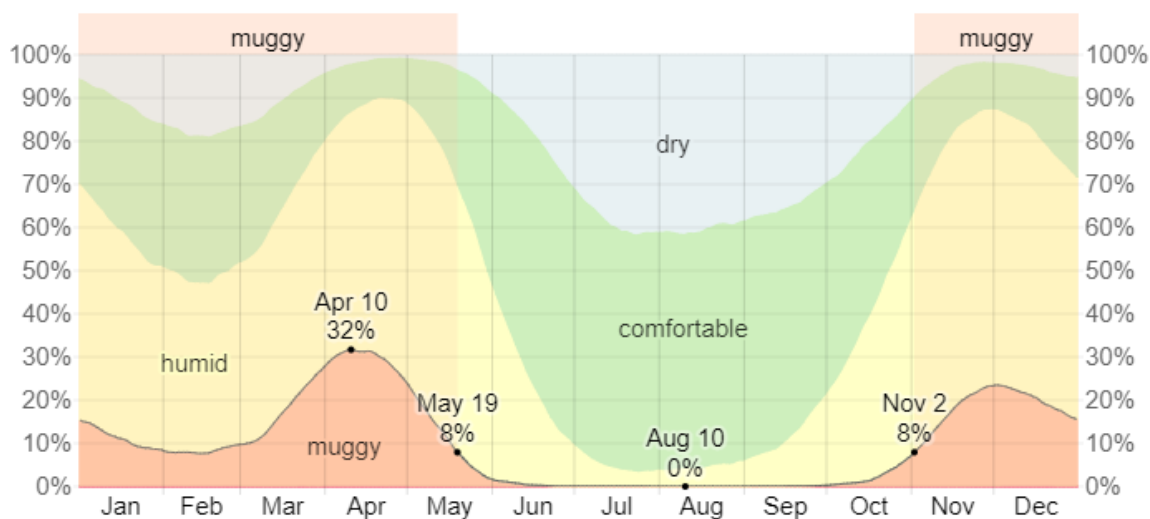


Figure 5: Humidity comfort level

2.2.3.5 Wind

The average wind speed in Makueni experiences *mild* seasonal variation over the course of the year.

The *windier* part of the year lasts for 3.1 months, from *July 28 to October 31*, with average wind speeds of more than 7.2 miles per hour. The *windiest* month of the year in Makueni is *September*, with an average wind speed of 8.3 miles per hour.

The *calmer* time of year lasts for 8.9 months, from *October 31 to July 28*. The *calmest* month of the year in Makueni is *June*, with an average wind speed of 6.1 miles per hour.

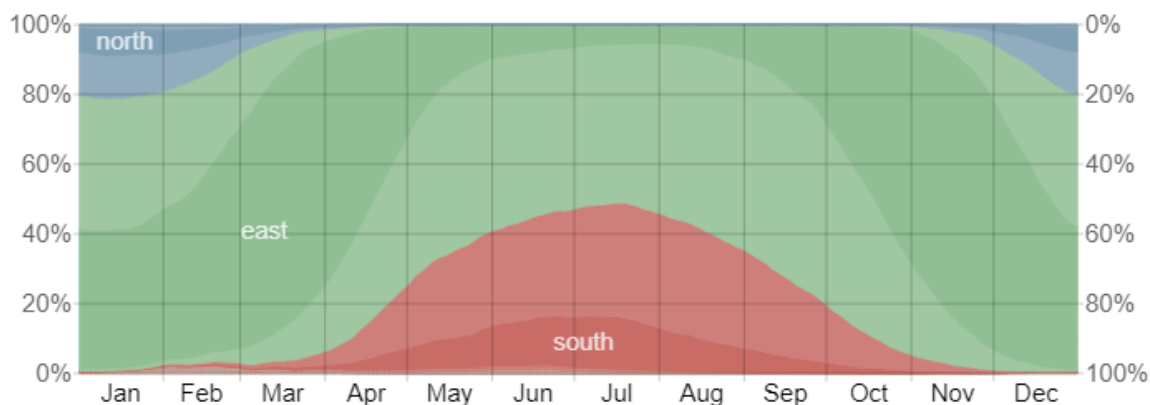


Figure 6: Average Wind Speed in Makueni County

The predominant average wind direction in Makueni County is from the East South *East* throughout the year.

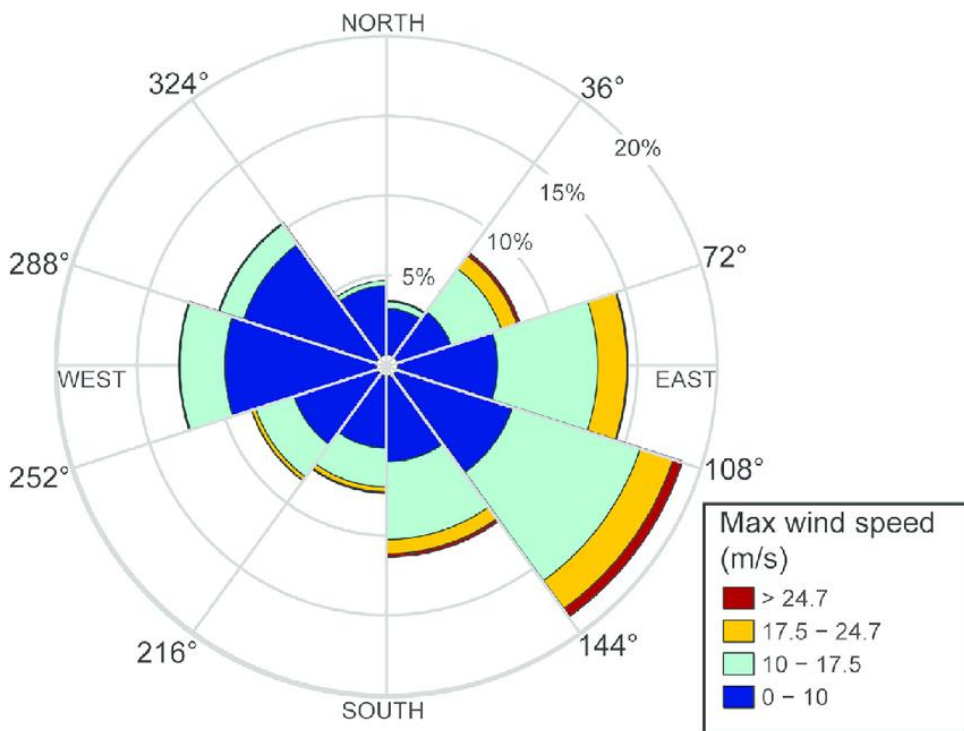


Figure 7: Wind Rose showing wind direction and speed in Makueni County

2.3 County Climate Change Scenarios

2.3.1 National Projections of Climate Change

The following national projections are sourced from the World Bank Kenya Climate Risk Country Profile. Each county's particular experience of climate change (as explored in the PCRA process) is likely to be localized and highly contextual and should be considered in conjunction with these national level trends when generating plausible future scenarios as part of Session Four of the PCRA county workshop (see template 9).

2.3.1.1 Temperature

Kenya's temperatures vary by altitude, with cooler temperatures in highland areas and warmer temperatures in lowland and coastal regions.

Nairobi, the capital, experiences a temperate climate, with temperatures averaging around 19-24°C (66-75°F).

Coastal areas, such as Mombasa, have a tropical climate with higher temperatures and humidity.

At the national level, under the worst case RCP8.5 scenario:

- Average temperatures nationally are expected to continue rising by 1.7% by the 2050s and by 3.5% at the end of the 21st century.
- The number of hot days and hot nights will increase, with hot days projected to occur on 19%-45% of days by mid-century. Hot nights are expected to increase even more rapidly, projected to occur on 45%-75% of nights by 2050.
- Cold days and nights are expected to become increasingly rare.

2.3.1.2 Rainfall

Kenya experiences a diverse range of rainfall patterns due to its geographical diversity.

The country has two rainy seasons: the long rains (March to May) and the short rains (October to December). Rainfall varies from arid and semi-arid regions in the north to more humid conditions in the highlands.

- Precipitation will remain highly variable and uncertain.
- Nationally, average rainfall is expected to increase slightly by 2050, especially for the 'short rains' which occur between October and December. However, each county's experience is likely to be highly contextual and localised, in particular:
 - Rainfall in arid zones is likely to decrease.
 - The pattern and temporal distribution of rainfall is likely to change
 - Extreme rainfall events (heavy downpours) are likely to increase in frequency, duration and intensity.
 - The period between heavy rainfall events is likely to increase.
 - The proportion of rainfall that occurs in extreme rainfall events (heavy downpours) is likely to increase

2.3.1.3 Relative humidity

Coastal areas have high humidity levels throughout the year due to their proximity to the Indian Ocean.

Humidity tends to decrease as you move inland and towards higher altitudes.

Inland areas, especially the arid and semi-arid regions, can experience low humidity levels.

- Relative humidity is expected to be low due to projected increase in temperatures.
- More humid days are expected

2.3.1.4 Wind

Kenya experiences various wind patterns, influenced by its position and topographical features. The Harmattan, a dry, dusty wind from the Sahara Desert, affects the northeastern region. The Indian Ocean brings the monsoon winds, impacting the coastal areas. Due to low humidity, strong winds are expected

No expected significant change in wind direction

2.3.1.5 Pressure:

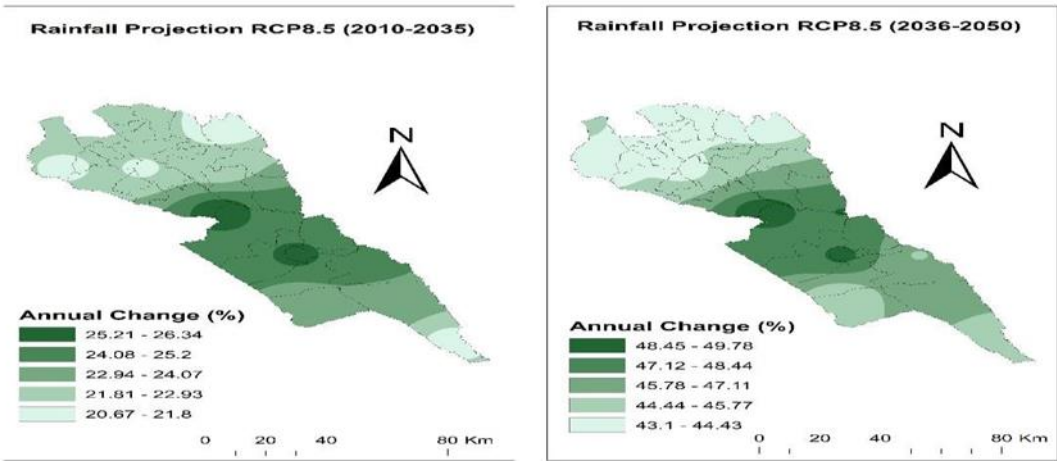
Atmospheric pressure in Kenya is influenced by the interplay of high and low-pressure systems. Seasonal changes in pressure patterns influence the onset and duration of the rainy seasons. Low-pressure systems bring heavy rainfall while high-pressure systems lead to drier conditions.

Table 3: Likely Impacts of the key trends

Climate trend	Impacts on key sectors			
	Agriculture	Water	Environment	Infrastructure
Increasing Temperature	<ul style="list-style-type: none">• Low yields• Crop pests and diseases• Stunted growth of crops	<ul style="list-style-type: none">• Drying of water sources	<ul style="list-style-type: none">• Drying of plants• Loss of biodiversity• Drought	<ul style="list-style-type: none">• Heat related damages
Extreme Rainfall	<ul style="list-style-type: none">• High yield• Healthy crops• Food and nutrition security	<ul style="list-style-type: none">• Adequate water supply• Damage to water infrastructure	<ul style="list-style-type: none">• Flooding• Mudslides/landslides• Soil erosion• Land degradation	<ul style="list-style-type: none">• Loss of properties• Destruction of roads
Decreased rainfall	<ul style="list-style-type: none">• Low yields• Poor crops• Food and nutrition insecurity• Soil degradation	<ul style="list-style-type: none">• Water shortage• Low water table• Low recharge levels	<ul style="list-style-type: none">• Deluded land• Decreased tree cover• Loss of biodiversity	<ul style="list-style-type: none">• Low energy generation• Soil subsidence
Wind	<ul style="list-style-type: none">• Pollination• Damage of crops• Low production• Soil erosion	<ul style="list-style-type: none">• Evaporation• Increase in evapotranspiration	<ul style="list-style-type: none">• Habitat destruction• Air pollution	<ul style="list-style-type: none">• Building damage• Power outages• Transportation disruption
Low Humidity	<ul style="list-style-type: none">• Increased evapotranspiration	<ul style="list-style-type: none">• Decreased surface runoff	<ul style="list-style-type: none">• Low moderation of temperatures	

2.4 Regional Level Projections (advanced users)

When combined with the lived experience of local stakeholders, broad national level projections are sufficient to generate plausible future climate scenarios for the PCRA (template 9). The county may also have access to downscaled projections derived from other sources (e.g. KMD) which may provide a more locally focused projection for key climate variables. One such source of information is the World Bank Climate Change Portal which allows a sophisticated exploration of the Kenyan national and sub-national (regional) climate projection data that supported both the IPCC’s Fifth Assessment Report (CIMP5) and Sixth Assessment report (CIMP6)¹. However, in most cases these data are highly technical and should only be analyzed by trained experts competent to interpret them. Profiles under the Kenya County Climate Risk Profile series may provide some off-the-shelf interpretation of some of this regional CIMP5 data, but the information is not comprehensively available for all counties.



2.4.1 County Projections of Climate Change

Climate trend	Future projections			
	Duration	Intensity	Frequency	Timing
Rainfall	Short	Increase	Seasonally	Poor
Temperature	Long	Increase	Daily	Fair
Wind	Normal	Normal	Normal	Normal
Pressure	Normal	Normal	Normal	Normal

¹ The CMIP (Coupled Model Inter-comparison Project) is a standard experimental framework for studying the output of coupled atmosphere-ocean general circulation models. This facilitates assessment of the strengths and weaknesses of climate models which can enhance and focus the development of future models.

2.5 Makueni County Agro Ecological Zones

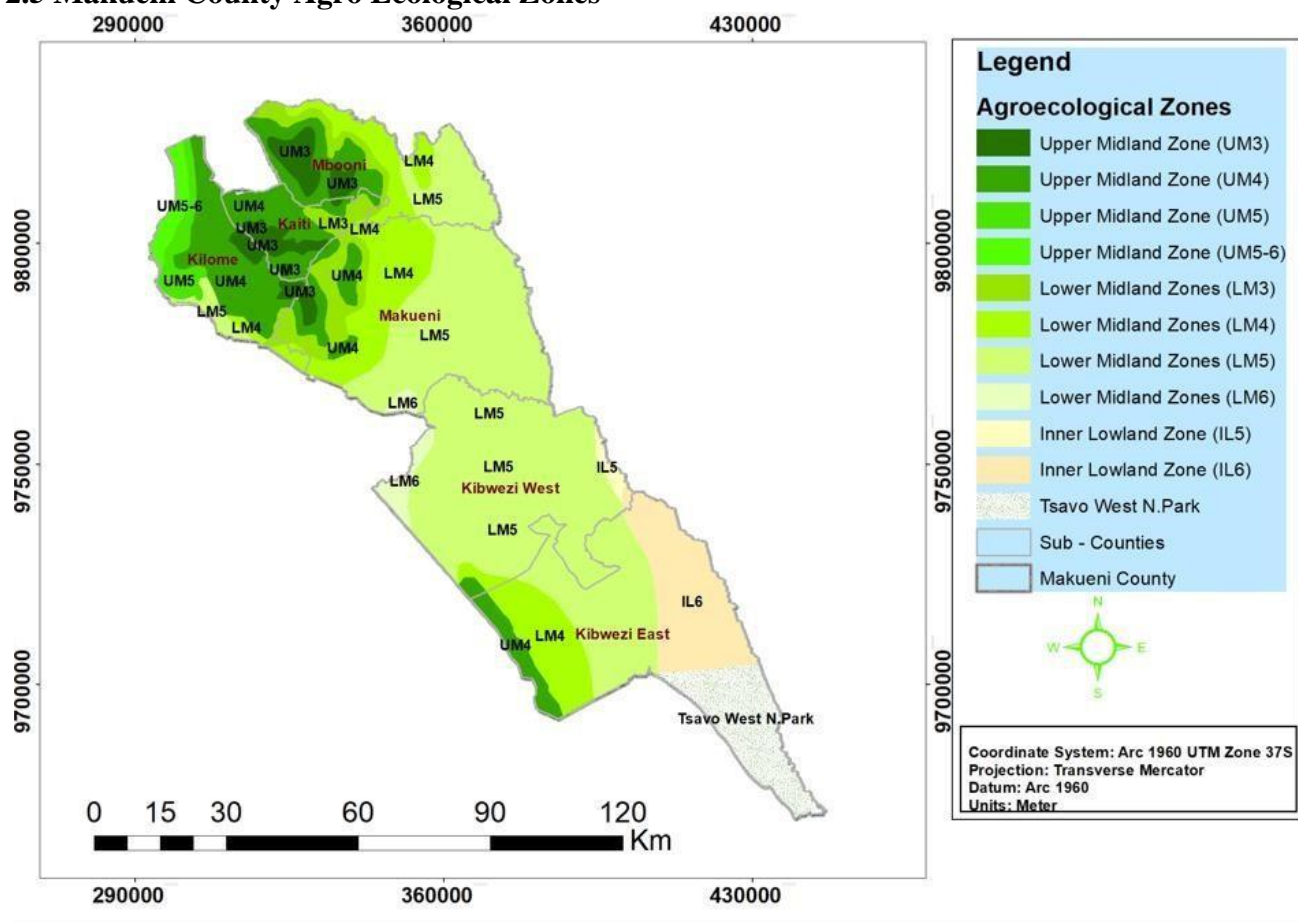


Figure 8: Makueni County Agro Ecological Zones

Table 4: Analysis of Agro Ecological Zones

Zones	Area in Km2	Description
INNER LOWLAND ZONES	670	
IL5	39	Inner Lowland Livestock-Millet Zone
IL6	631	Inner Lowland Ranching Zone
LOWER MIDLAND ZONES	5352	
LM3	389	Cotton Zone
LM4	1094	Marginal Cotton Zone
LM5	3757	Livestock - Millet Zone
LM6	112	Midland Ranching Zone
UPPER MIDLAND ZONES	1691	
UM3	311	Marginal Coffee Zone, Avacado, Macadamia
UM4	1150	Maize - Sunflower Zone-Cotton
UM5	138	Livestock - Sorghum Zone. Cotton
UM5-6	93	Livestock/Sorghum-Upper Midland Ranching Zone

2.6 Exposure and vulnerability of Makueni County to Climate Change Hazards

Makueni County through the PCRA process mapped and ranked risks and hazards. The hazards were ranked from drought, livestock and crop pests and diseases, environmental degradation, human diseases, pollution, and human-wildlife conflict. The identified vulnerable groups were elderly, women, children, PWDs, single parents, orphans, widows and widowers, PLHIV, the terminally sick, youth, teenagers (1318), senior bachelors, sex workers and child-headed families. The figure 9 below shows presentation of climate risks in the entire County. Drought, food insecurity and environmental degradation are the main climate risks identified during the Ward consultations meeting. The risks were further analyzed per sub county to give more insights on how the Sub County are exposed to the risks.

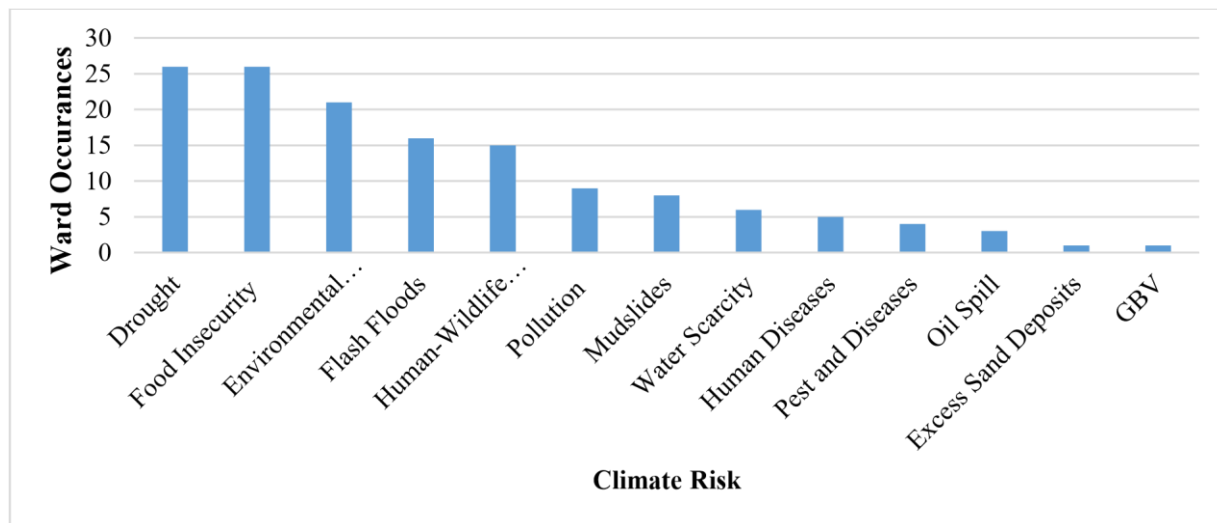


Figure 9: Makueni County Climate Risks and hazards

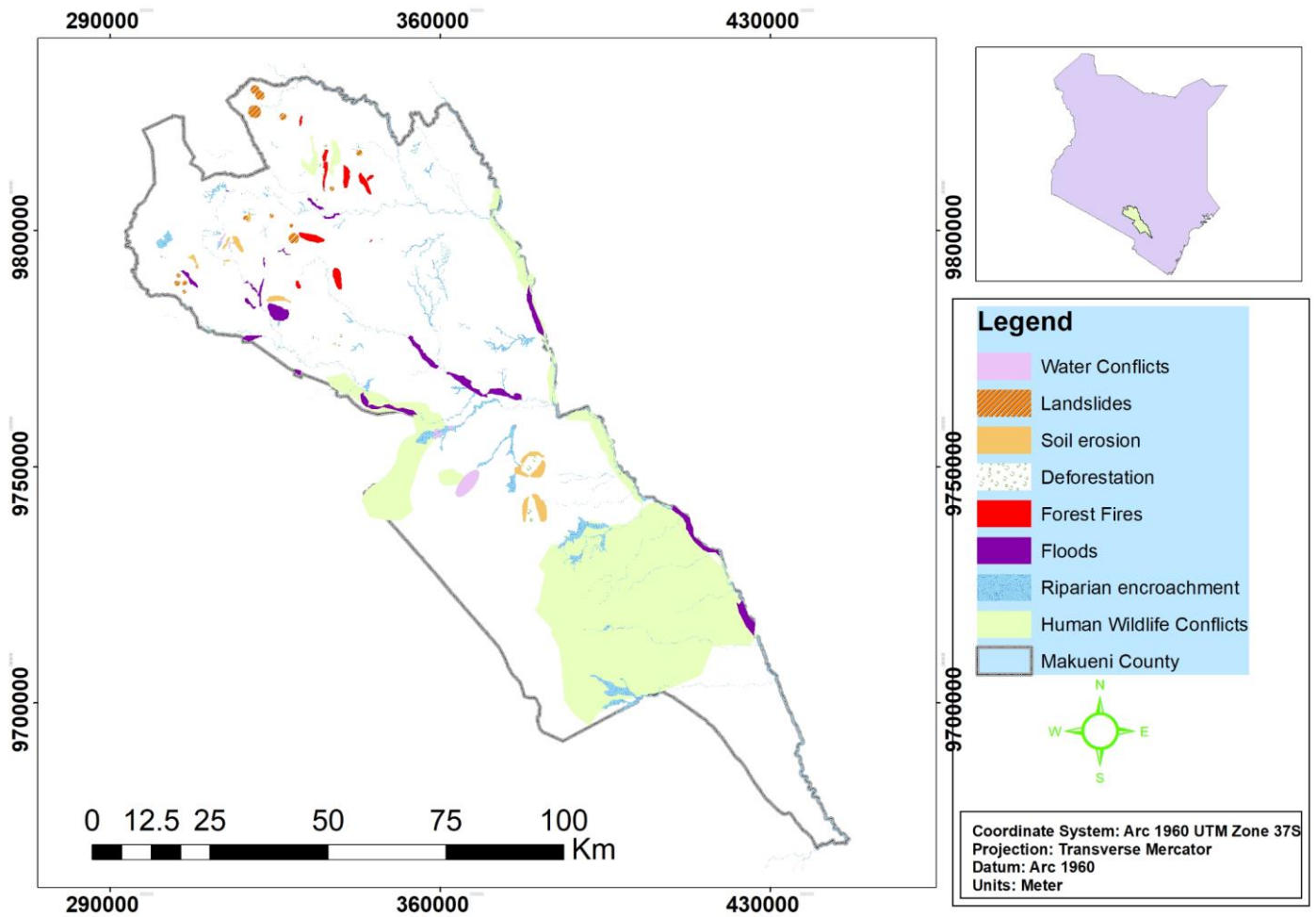


Figure 10: Makueni County Climate Risks and hazards map

2.6.1 Kaiti Sub County Climate Risks and Hazards

Kaiti sub-county is located to the north of Makueni County. It has a population of 116,010 as per 2019 census. The main land use practices are subsistence crop farming; fruit farming (mangoes and oranges, avocado, passion fruit and loquats); woodlot farming in Kilungu and Ilima wards; horticulture and mining of kaolin in parts of Kilungu, Kee and Ilima wards. Majority of the population (91%) use firewood as a source of energy which is the highest amongst the sub counties. Graph 11 below shows climate risks and hazards with environmental degradation identified as the highest climate risks affecting the four wards.

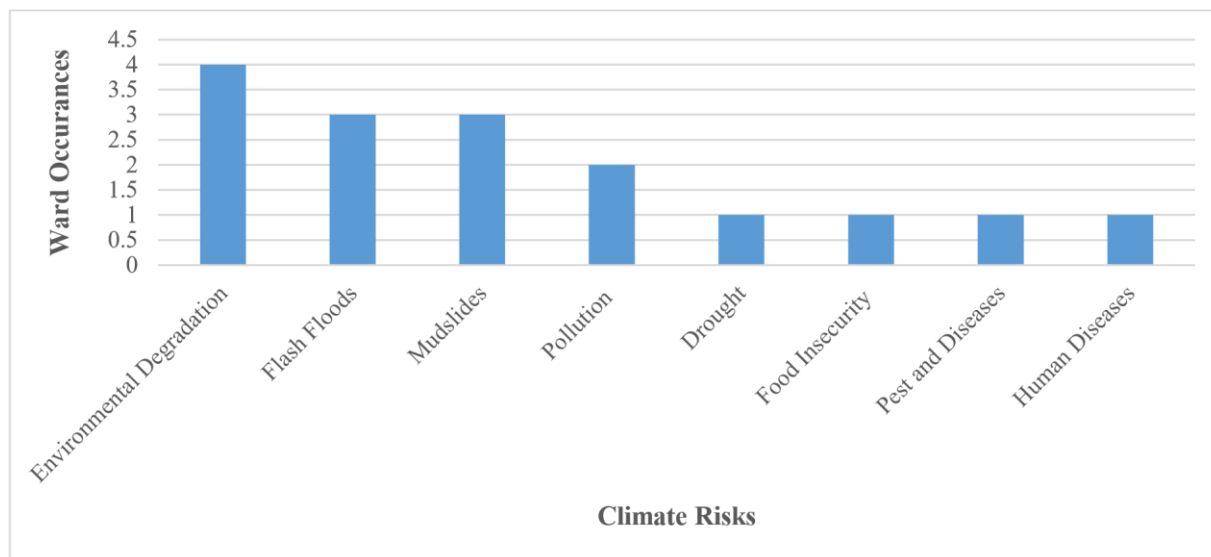


Figure 11: Kaiti Sub County Climate Risks and Hazards

Some of the risks and hazards identified by the communities were also represented using the maps as shown in figure 12 below.

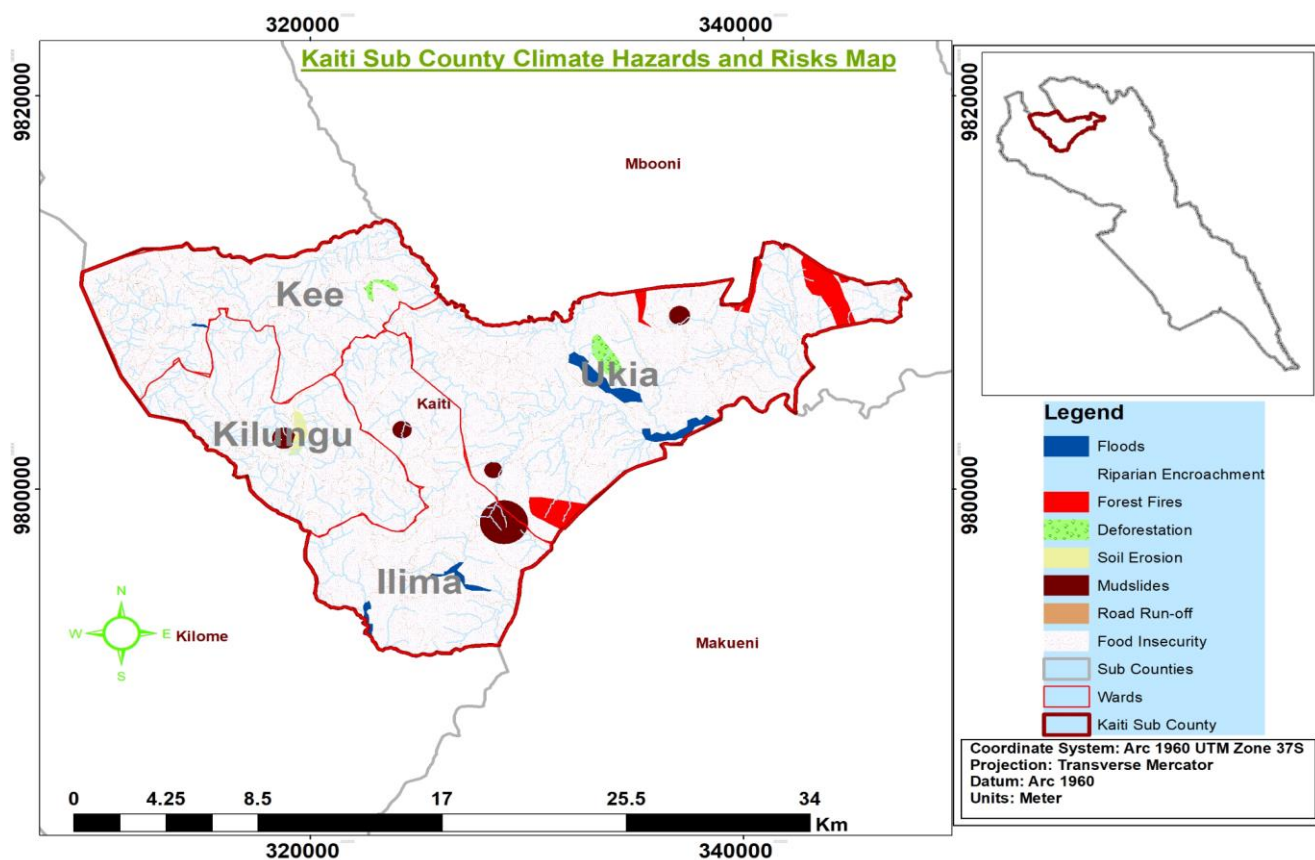


Figure 12: Kaiti Sub County Climate Hazard and Risk Map

2.6.2 Kilome Sub County Climate Risks and Hazards

Kilome sub-county borders Machakos County to the North, Kibwezi-West sub-county to the South, Kajiado County to the West and Makueni sub-county to the East. The population is 102,897 and the sub-county constitutes of three wards namely: Kiimakui/Kalanzoni, Mukaa, and Kasikeu. It is categorized as a semi-arid area receiving an approximate range of 500-750 mm of precipitation annually and temperatures of between 21-25°C annually. Climatic fluctuations within the sub-county such as dry spells, intense precipitation leading to floods, and heat stress, are all hazards that contribute to not only agricultural risk but also decreased vegetative cover in the sub-county. The risks are as shown in figure 13 below.

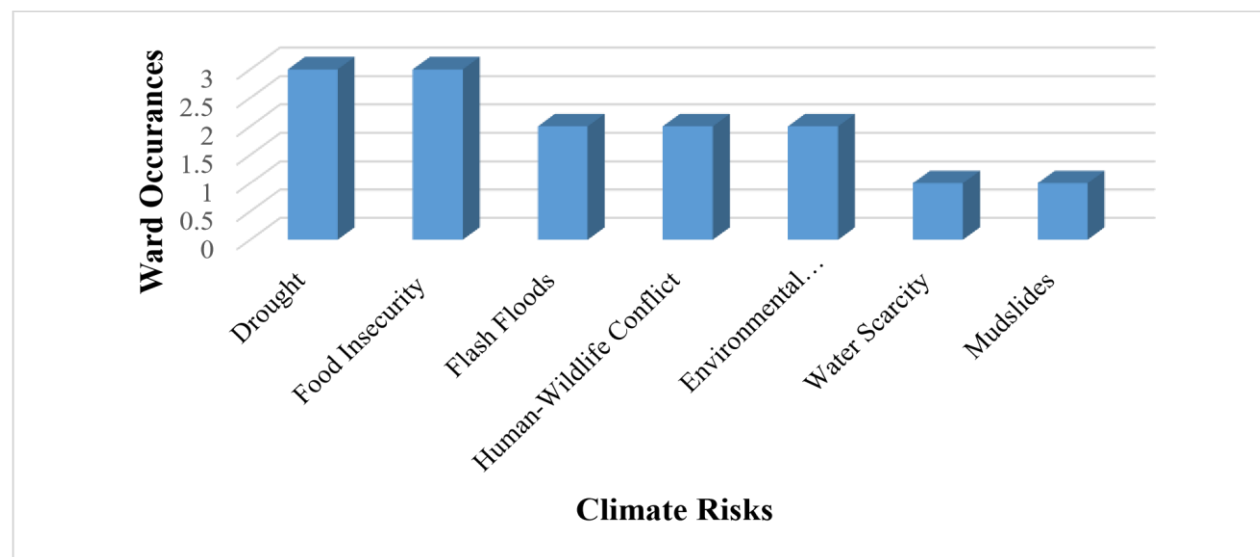


Figure 13: : Kilome Sub County Climate Risks and Hazards

Some of the risks and hazards identified by the communities were also represented using the maps as shown in figure 14 below.

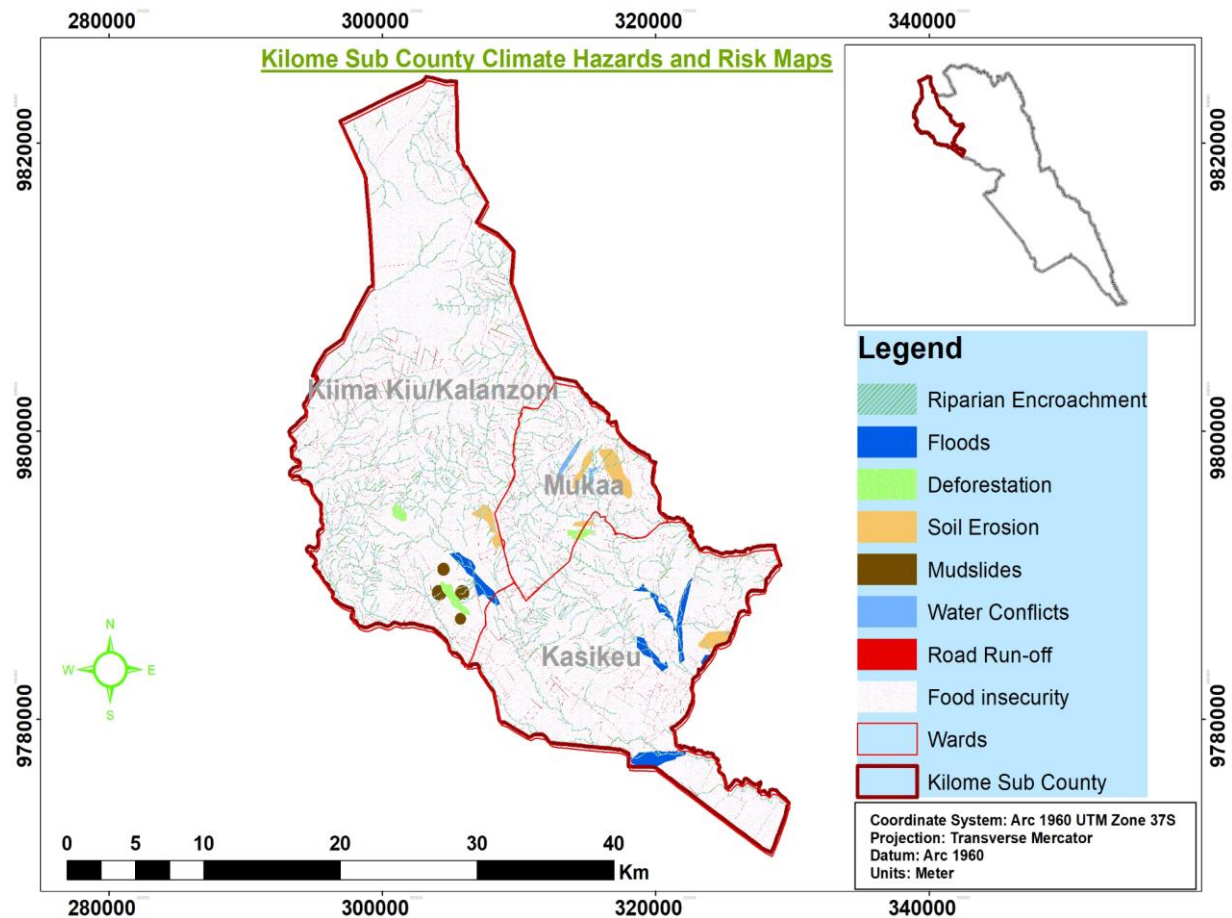


Figure 14: Kilome Sub County Climate Risk Map

2.6.3 Mbooni Sub County Climate Risks and Hazards

Mbooni sub county has a population of 181,046. It has the following wards; Mbooni, Tulimani, Kalawa, Kako/waia, Kisau/Kiteta and Kithungo/Kitundu. The climatic condition of the sub county is semi-arid, rainfall averages 800-1200mm and temperature ranging 16-24°C. The major climate risks and hazards are shown figure 15 below.

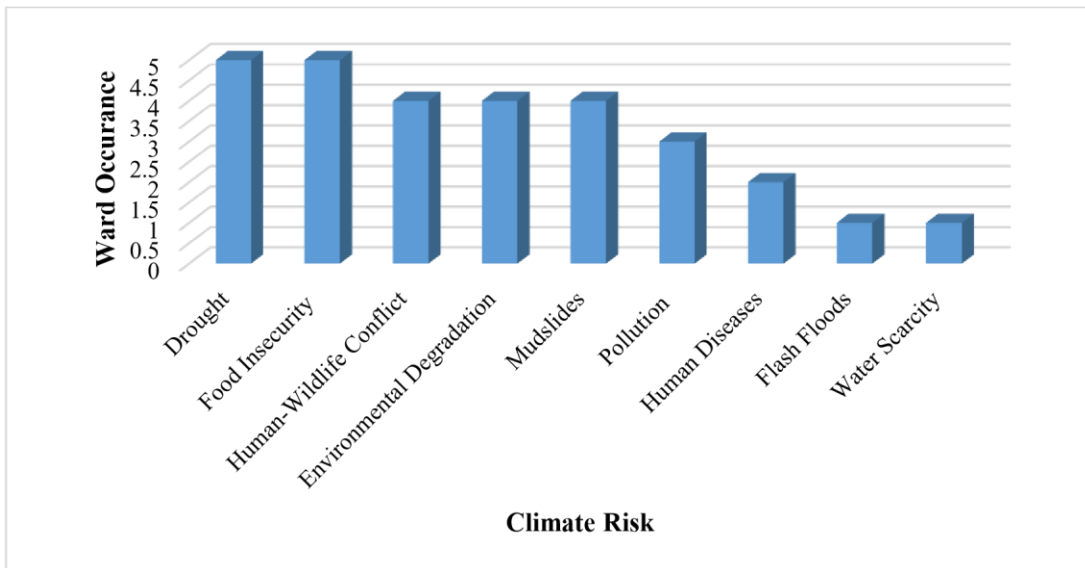


Figure 15: Mbooni Sub County Climate Risks and Hazards

Some of the risks and hazards identified by the communities were also represented using the maps as shown in figure 16 below.

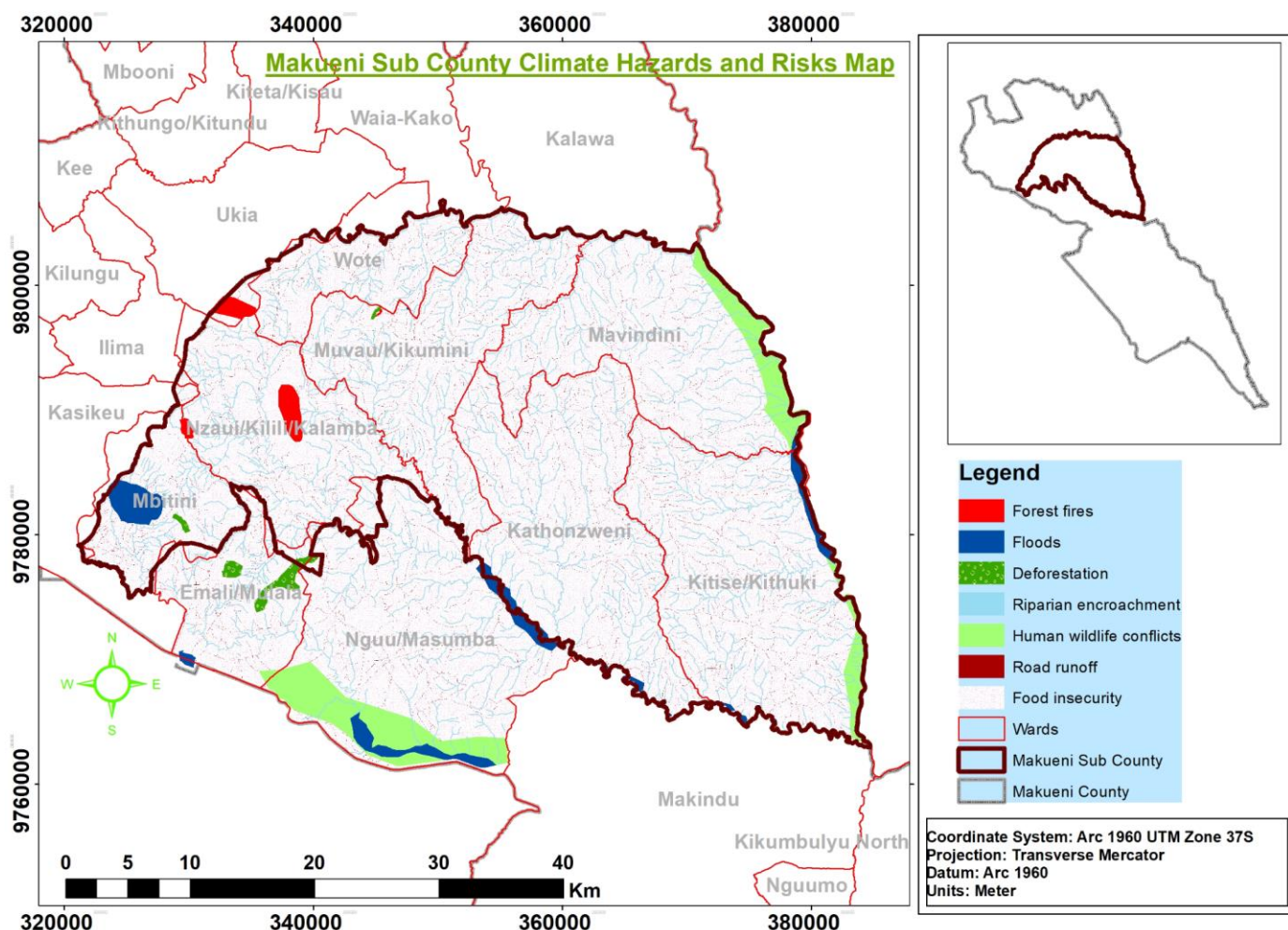


Figure 16: Mbooni Sub County Climate Risk Map

2.6.4 Makueni Sub County Climate Risks and Hazards

Makueni Sub-county is one of the six sub-Counties in Makueni County. It has a population of 203,560. It comprises the following County Assembly Wards: Wote/Nziu, Muvau/Kikumini, Mavindini, Kitise/Kithuki, Kathonzweni, Nzaui/Kilili/Kalamba and Mbitini. Temperatures range from a minimum of between 12°C to a maximum of 28°C. Rainfall ranges from 150mm to 650 mm per annum typical of ASALs in Kenya. The major economic activities include livestock rearing, crop farming, agroforestry, sand harvesting, charcoal burning, and brickmaking. The major livestock include cattle, pig, sheep, goat, poultry and donkey. The major crops produced include green gram, sorghum, maize, mango, cowpea, bean, pigeon pea and citrus. Figure 17 below shows the climate risks and hazard experienced in the Sub County.

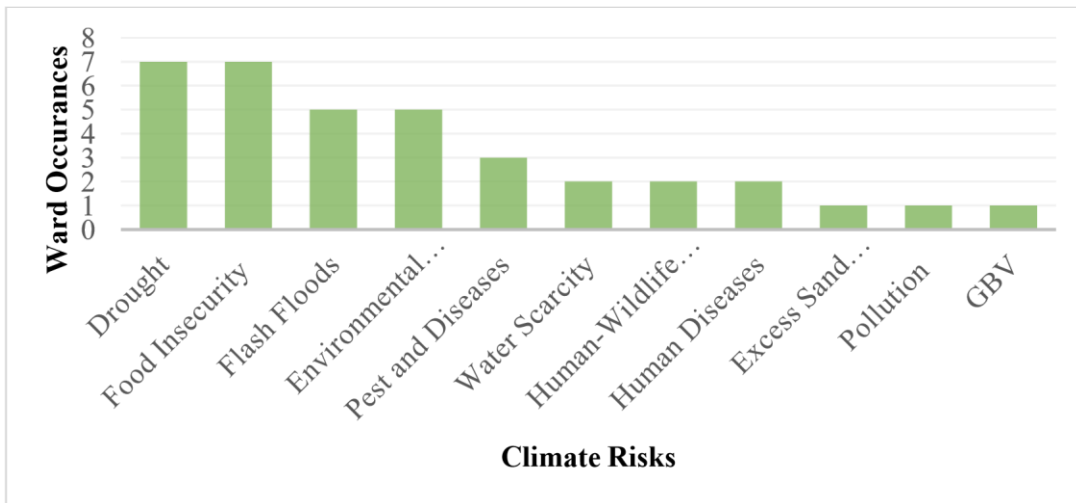


Figure 17: Makueni Sub County Climate Risks and Hazards

Some of the risks and hazards identified by the communities were also represented using the maps as shown in figure 18 below.

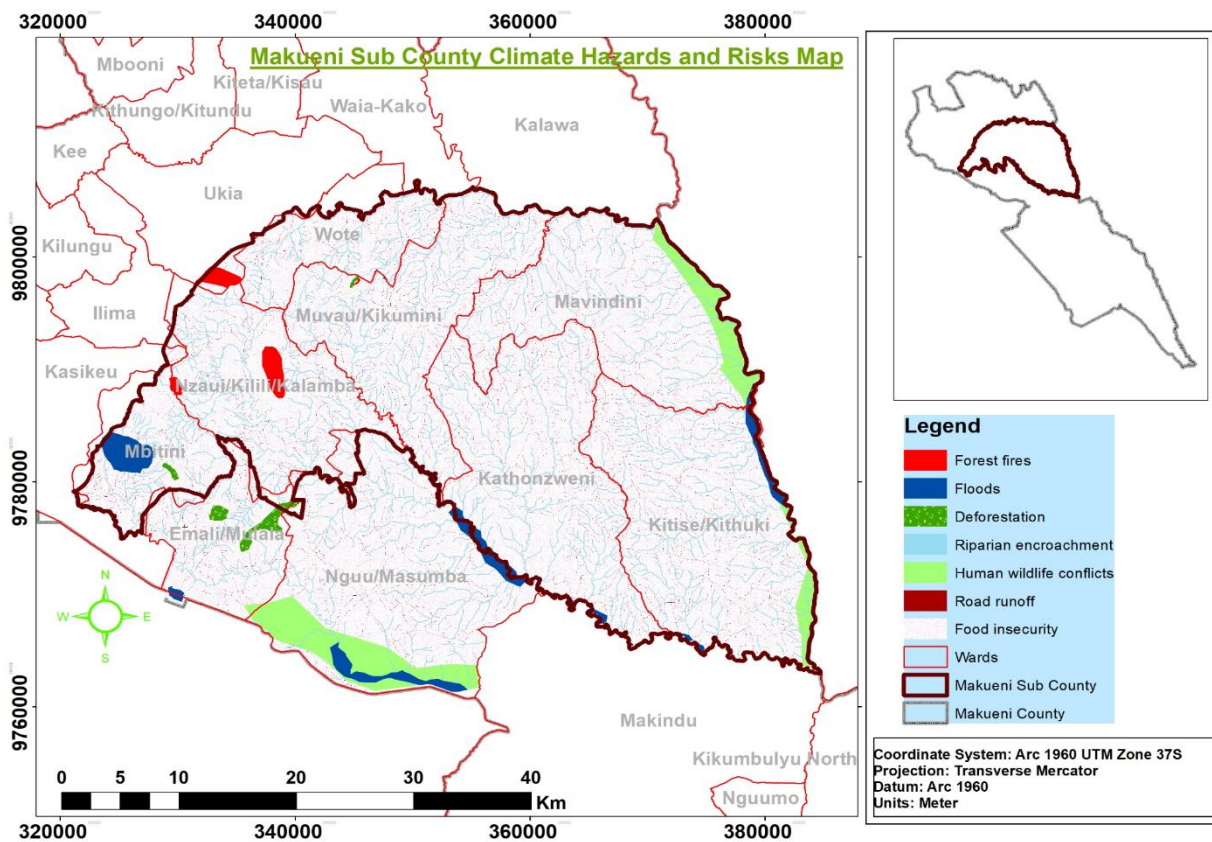


Figure 18: Makueni Sub County Climate Risk Map

2.6.5 Kibwezi West Sub County Climate Risks and Hazards

Kibwezi West has an approximate population of 203,102. It has six electorate wards which include Makindu, Nguumo, Kikumbulyu South, Kikumbulyu North, Emali/Mulala and Nguu/Masumba. The subcounty is largely arid and semi-arid and usually prone to frequent droughts, with rainfall ranging from 300-400mm annually. The depressed rains in the sub County hardly sustain the major staple food of maize and beans. Unfortunately, the traditional crops which are drought tolerant have largely been abandoned. This means livestock rearing remains the most common viable economic activity being undertaken by the local people in the region. The condition has negatively affected agriculture which is the main economic activity in the Sub County. Rain fed agriculture has been affected largely by impacts of climate change. The graph below shows the climate risks experienced in the Sub County.

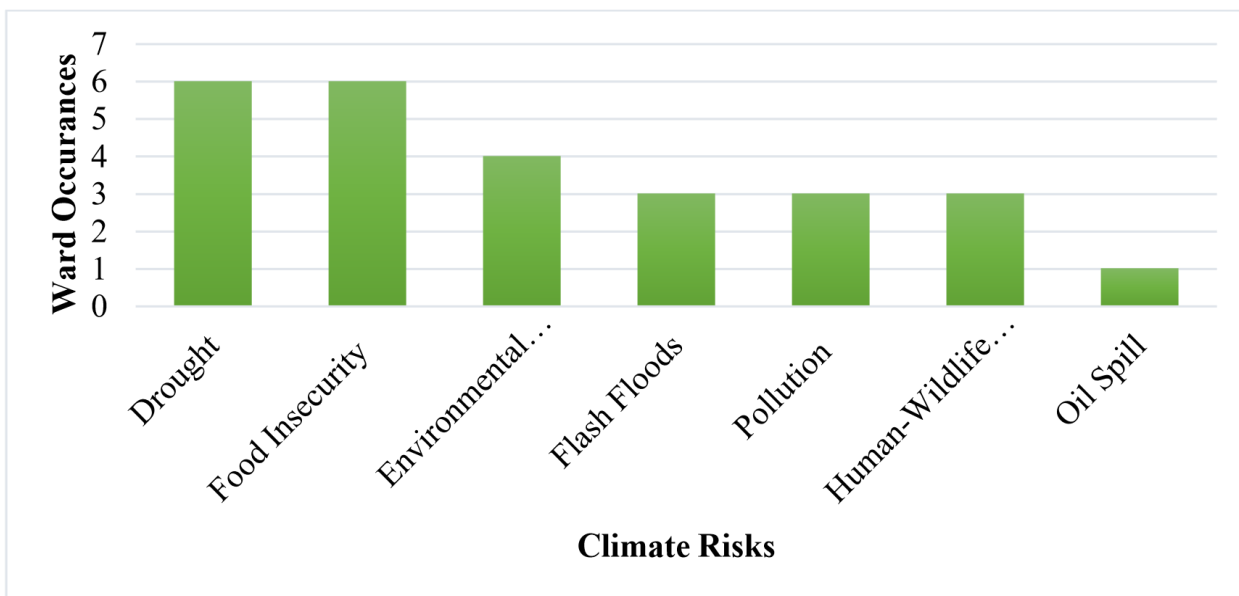


Figure 19: Kibwezi West Sub County Climate Risks and Hazards

Some of the risks and hazards identified by the communities were also represented using the maps as shown in figure 20 below.

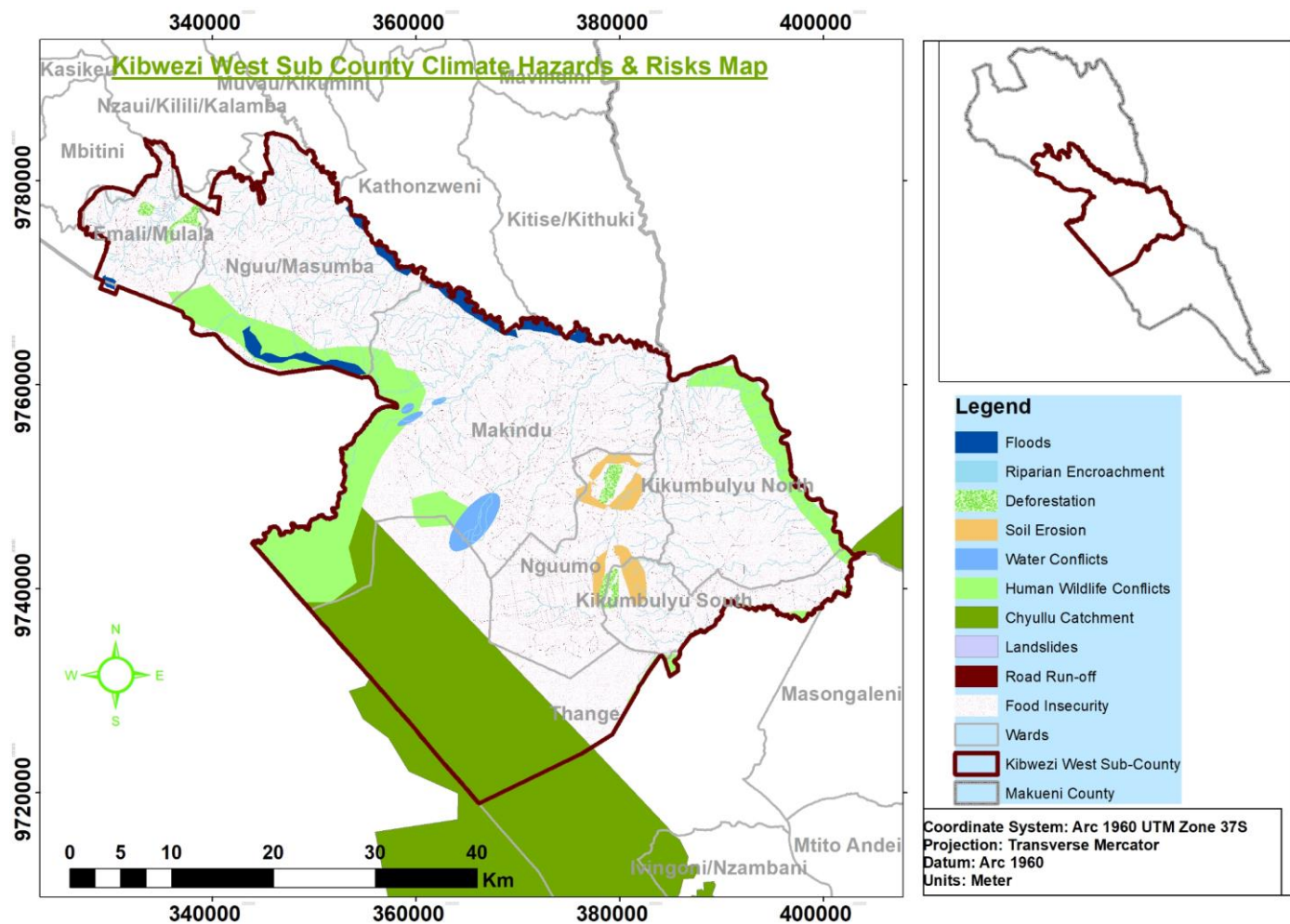


Figure 20: Kibwezi West Sub County Climate Risk Map

2.6.6 Kibwezi East Sub County Climate Risks and Hazards

Kibwezi East has a Population of 142,933. It comprises of the following wards Masongaleni, Mtito Andei, Thange, and Ivingoni/Nzambani. Drought, heat stress, increased precipitation, moisture stress, and increased temperatures are the most problematic climatic hazards in the subcounty. The sub-county receives an average of about 650-750mm of rainfall annually and the temperatures range between 20.2 and 35.8°C. The figure 21 below shows the climate risks in the Sub County.

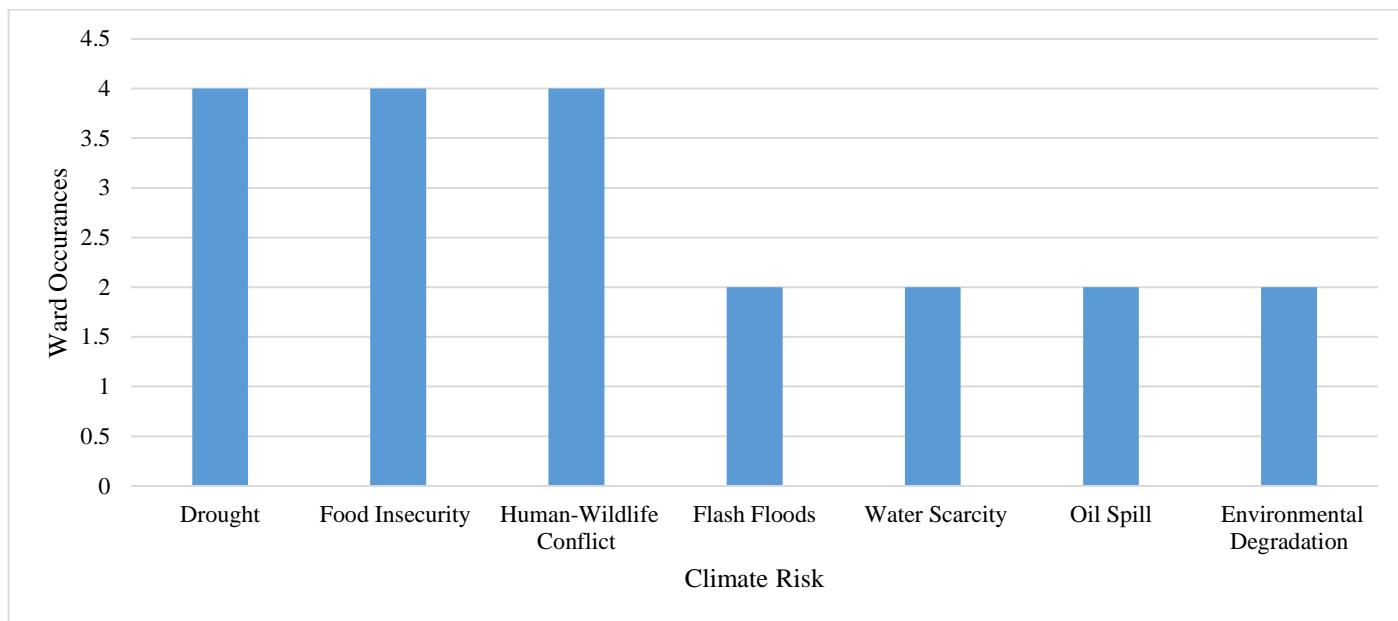


Figure 21: Kibwezi East Sub County Climate Risks and Hazards

Some of the risks and hazards identified by the communities were also represented using the maps as shown in figure 22 below.

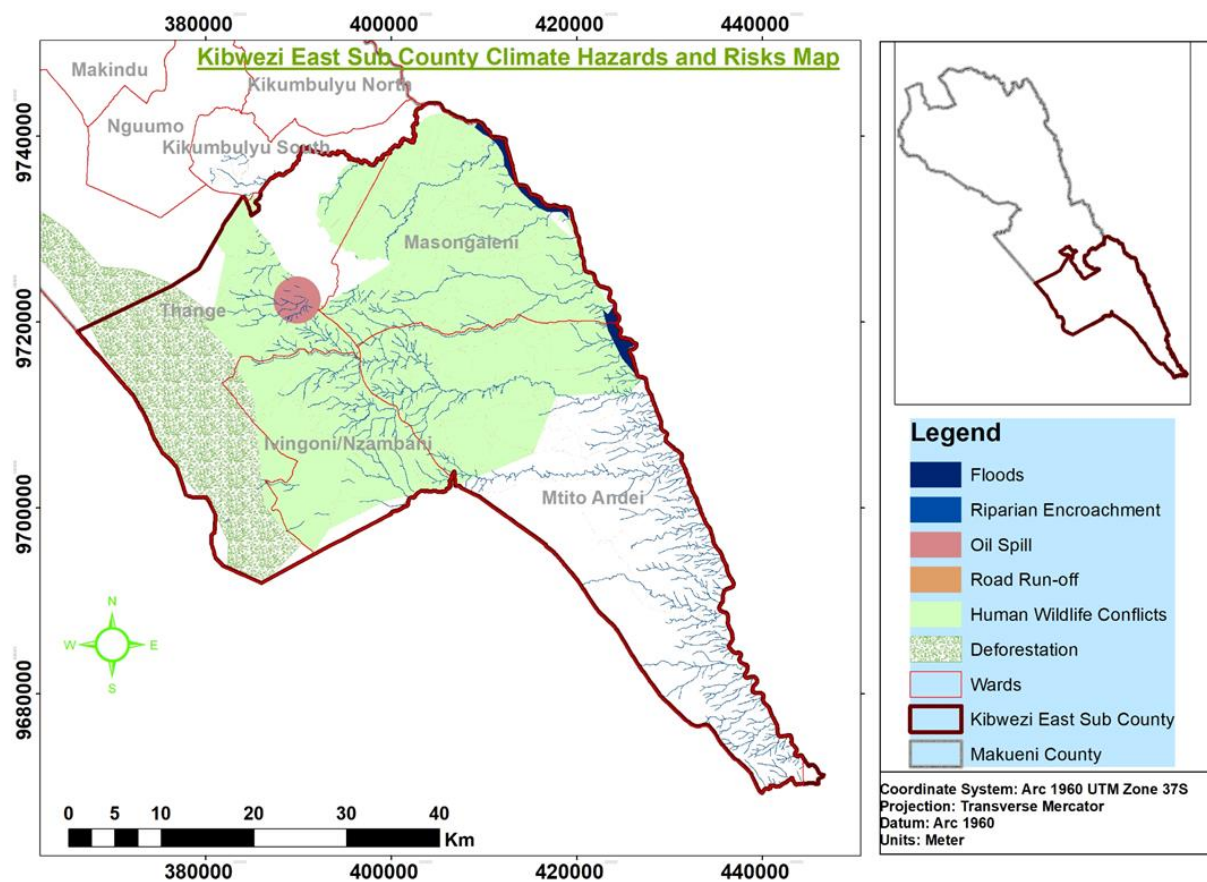


Figure 22: Kibwezi East Climate Hazards and Risk Map

CHAPTER THREE: DISTRIBUTION OF RISKS: EXISTING AND NEW STRATEGIES

3.1 Ecological Distribution of Risks and Existing Strategies

3.1.1 Upper Zones

Makueni County is categorized in three climatic zones: Upper zones, Middle zones and Lower zones. The upper zone has 5 Wards: Mbooni Ward, Mukaa Ward, Kilungu Ward, Ilima Ward and Kithungo/Kitundu Ward. The upper zone Wards have an annual rainfall average of 1000 – 1250 mm per year and an annual average temperature ranging between 21° - 22 °C. Other climatic conditions of the upper zones are sandy loam soils, upper mid-land semi-arid conditions, upper mid land subhumid conditions and lower highland sub humid conditions. The 5 wards prioritized 4 hazards which are drought, environmental degradation, pests and diseases and human diseases.

The four hazards have greatly impacted the agricultural sector, water sector, environment, infrastructural and health sector. The agricultural sector has been negatively affected by the climatic hazards because of drought, pests and diseases. The upper zone relies on human capita to carry out agricultural activities for both crop and livestock farming. Human diseases have also reduced the manpower put in agriculture as the sick cannot participate in farming. The other family members also invest less time in agriculture while taking care of the sick ones. Environmental degradation in upper zones entails mudslides, gullies, soil erosion, forest fires and deforestation.

The priority areas identified were as follows: Water harvesting structures where the communities proposed sand dam construction, water tank provisions and construction of earth pans. To tackle environmental degradation, the community proposed rehabilitation of existing gullies, planting of cover crops, water harvesting at both domestic level and in public facilities and enforcement of relevant policies to protect water catchment areas.

Lastly the hazard on pest and diseases in both crops and livestock farming was prioritized as it affects food production. Actions proposed to assist in tackling the hazard included: Provision of certified drought resistant seedlings, capacity building farmers on climate smart agriculture, provision of macadamia, mango and avocado seedlings, animal vaccinations, provision of AI services, provision of subsidized fertilizers and other farm inputs.

Table 5: Upper zone risks and existing strategies

1. Drought						
Sector	Risk	Stressor/shock/cause/what is behind the risk	Existing Adaptation strategies	Effectiveness of the strategy	Resources/Actions required to make this strategy effective	Wards
Water	Water scarcity	Increased demand Over abstraction Over extraction of sand.	Water harvesting through:- Earth dams Sand dams, Roof catchments, Shallow wells, Boreholes and	Medium	<ul style="list-style-type: none"> • Water distribution • Effective water governance • Provision of water tanks • Implementation of water policies 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu
	Water pollution	Leaching of agro-chemicals	Protection of water sources+	Medium	<ul style="list-style-type: none"> • Protection of water catchment areas • Implementation of water policies 	
	Salinization	Intrusion of salts from rocks	Desalinization		<ul style="list-style-type: none"> • Incentivize acquisition of desalinization equipments 	
Environment	Soil infertility	Soil erosion Deforestation Poor farming practices	Use of farm yard manure, Building of gabions Terracing and cut-off drains	Low	<ul style="list-style-type: none"> • Capacity building on organic farming • Raising of site specific tree seedlings • Promotion of SLM and Agroforestry 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu
	Forest fires	Long dry seasons Rising temperatures, Accumulation of dry matter in forests	Establishment of forest fire breaks	Low	<ul style="list-style-type: none"> • Maintenance of fire breaks • Development of community forest management plans, 	Mbooni, Mukaa, Kithungo/Kitundu

1. Drought

Sector	Risk	Stressor/shock/cause/what is behind the risk	Existing Adaptation strategies	Effectiveness of the strategy	Resources/Actions required to make this strategy effective	Wards
					<ul style="list-style-type: none"> • Early warning systems • Establishment and strengthening of CFAs 	
	Pasture loss	Over grazing and overstocking; Improver rangeland management	Growing and storage of pastures	Medium	<ul style="list-style-type: none"> • Provision of appropriate pasture seed varieties • Promotion of pasture development programs • Provision of subsidies and incentives for pasture management • Capacity building on rangeland management 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu
	Loss of biodiversity	Over exploitation of natural resources; Inadequate rainfall	<p>Afforestation, Reforestation.</p> <p>Promotion of site specific tree species</p> <p>Protection and conservation of protected areas; In-situ and ex-situ</p>	Medium	<ul style="list-style-type: none"> • Promotion of landscape restoration activities; • Promotion of In-situ and ex-situ conservation of endemic and endangered species; • Development of water resources in protected areas 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu

1. Drought

Sector	Risk	Stressor/shock/cause/what is behind the risk	Existing Adaptation strategies	Effectiveness of the strategy	Resources/Actions required to make this strategy effective	Wards
			conservation of endemic and endangered species			
Agriculture and livestock	Reduced crop yields	Loss of soil fertility Poor farming methods	Use of fertilizers, climate smart agriculture	Medium	<ul style="list-style-type: none"> Enhance promotion of Climate Smart Agriculture Promotion of good agricultural practices 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu
		Low and poor distribution of rainfall	Supplementary irrigation, Early planting	Medium	<ul style="list-style-type: none"> Up-scaling water harvesting initiatives. Subsidies for irrigation equipments. Incentives to encourage irrigated agriculture Capacity building on good agricultural practices 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu
		Crops pests and diseases	Selection of pest and disease tolerant crops	Medium	<ul style="list-style-type: none"> Integrated pest management, Provision of subsidies for farm inputs More Research on emerging pests and diseases 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu
		Inappropriate seeds selection	Sensitization on right seeds,	Medium	<ul style="list-style-type: none"> Intensification of sensitization programs and subsidies 	Mbooni, Mukaa, Kilungu, Ilima,

1. Drought

Sector	Risk	Stressor/shock/cause/what is behind the risk	Existing Adaptation strategies	Effectiveness of the strategy	Resources/Actions required to make this strategy effective	Wards
			Subsidies on seed acquisition			Kithungo/Kitundu
		Weeds competition	Weed control; Crop rotation;	Low	<ul style="list-style-type: none"> • Sensitization and provision of incentives for weed control, • Sensitization on regenerative agriculture 	
	Loss of livestock	Livestock pests and diseases	Promotion of veterinary extension services	Low	<ul style="list-style-type: none"> • Subsidizing veterinary services 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu
		Diminishing pasture production	Provision of appropriate pasture seeds	Low	<ul style="list-style-type: none"> • Provide incentives to promote pasture production • Sensitization on pasture growing 	
Energy	In-door air pollution	Use of unclean sources of energy (firewood, kerosene)	Use of improved cooking stoves, Use of LPG	Medium	<ul style="list-style-type: none"> • Promotion of clean energy technologies through subsidies and tax incentives • Promotion of efficient energy technologies 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu
	Power outage	Reduced water levels	Use of alternative energy sources	Low	<ul style="list-style-type: none"> • Subsidies on off-grid technologies (solar, wind) 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu
Infrastructure	-	-	-	-	<ul style="list-style-type: none"> • - 	-
Health	Increased spread of water	Pollution of water sources,	Protection of water sources	Medium	<ul style="list-style-type: none"> • Fencing of water sources, 	Mbooni, Mukaa, Kilungu, Ilima,

1. Drought						
Sector	Risk	Stressor/shock/cause/what is behind the risk	Existing Adaptation strategies	Effectiveness of the strategy	Resources/Actions required to make this strategy effective	Wards
	borne diseases		from pollutants, Enforcement of water quality regulations, Water treatment		<ul style="list-style-type: none"> Sensitization of community on water quality regulations. 	Kithungo/Kitundu
		Scarcity of water for sanitation	Water treatment	Medium	<ul style="list-style-type: none"> Sensitization on water treatment chemicals, Monitoring of water quality. 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu

Table 6: Upper zone risks and existing strategies

2. Mudslides						
Sector	Risk	Stressor/shock/cause/what is behind the risk	Existing Adaptation strategies	Effectiveness of the strategy	Actions required to make this strategy effective	Wards
Water	Siltation	Loose water logged soils	Desilting; Relocation to safe grounds	Low	<ul style="list-style-type: none"> Development of climate proofed water infrastructure 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu
	Destruction of water infrastructure	Heavy rainfall	Use of galvanized iron pipes for water distribution	Medium	<ul style="list-style-type: none"> Use of heavy duty pipeline (HPE) 	
	Cross contamination	Leakage of storm water to domestic water distribution infrastructure	Use of galvanized iron pipes for water distribution	Medium	<ul style="list-style-type: none"> Use of heavy duty pipeline (HPE) 	
Environment	Destruction of landscapes and settlements	High moisture; Loose soils; Steep slopes	Use of SLM structures; Preparation of flat surface	Medium	<ul style="list-style-type: none"> Heavy investment to prepare farmlands and building areas 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitundu

2. Mudslides						
Sector	Risk	Stressor/shock/c ause/what is behind the risk	Existing Adaptation strategies	Effectiveness of the strategy	Actions required to make this strategy effective	Wards
			before construction		to make them stable <ul style="list-style-type: none"> • Avoid settlements on very steep slopes 	
Agric ulture and livesto ck	Destruction of farms and livestock death	High moisture; Loose soils; Steep slopes;	Use of SLM structures; Preparation of flat surface before construction	Medium	<ul style="list-style-type: none"> • Heavy investment to prepare farmlands to make them stable • Avoid farming on very steep slopes 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitun du
Infrast ructur e	Destruction of road infrastructu re and social amenities	High moisture; Loose soils; Steep slopes;	Use of water retention ditches along roads; Constructio n of gabions;	Medium	<ul style="list-style-type: none"> • Investment on climate proofed roads infrastructure 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitun du
Energ y	Destruction of energy grid	High moisture; Loose soils; Steep slopes;	Use of metallic pylons	Medium	<ul style="list-style-type: none"> • Investment on climate proofed energy distribution infrastructure 	Mbooni, Kilungu, Ilima, Kithungo/Kitun du
Health	Destruction of health facilities	High moisture; Loose soils; Steep slopes;	Constructio n of climate proofed health facilities	Medium	<ul style="list-style-type: none"> • Investment on climate proofed health facilities • Use of drone technology to deliver medical supplies in inaccessible health centers 	Mbooni, Mukaa, Kilungu, Ilima, Kithungo/Kitun du

3.1.2 Middle Zone

The middle Climatic zone of Makueni County is characterized by a unique set of climatic characteristics that significantly influence the region's weather patterns and agricultural activities. This zone is usually characterized by Lower midland transnational boundaries, Upper midland semi-arid

boundary and has Sandy Loam soils, which promote various agricultural value chains. The middle zone of Makueni County is characterized by a unique set of climatic characteristics that significantly influence the region's weather patterns and agricultural activities. It receives 750-1000 millimeters annually. In this zone belongs various wards including: Mbitini, Tulimani, Kako/waia, Kisau/Kiteta, Kasikeu, Kimakui/Kalanzoni, Nzaui/Kilili/ Kalamba, Email/Mulala, Ukiu, Wote/Nziu, Muvau/Kikumini and Kee.

Key hazards identified during the PCRA include Drought, Environmental degradation, Crop and Livestock pests and diseases and Human diseases. The hazards had different impacts on various natural resources, Livelihoods, service provision, Infrastructure, Trade and other aspect of human life. Amongst the impacts are: water scarcity, Low crop productivity/Crop failure, Loss/Lack of pasture, Forest fires, Decreased soil Moisture, Malnutrition, waterborne diseases, School absenteeism and Strained household income.

Community members analyzed the impacts and were able to describe traditional strategies of adaptation and building resilience against such impacts. They were also able to identify new strategies that would enhance adaptation. Amongst the existing strategies are: Community and household water harvesting, rehabilitation, expansion, distribution and protection of water sources, pasture/fodder development, Environmental management, establishment of Gabions construction, Agro forestry, Terracing, Contour Farming, Cover cropping, Conservation tillage. Firebreaks and Fuel Management. Fire Resistant Trees, Early detection and monitoring, Emergency response planning, Community Engagement and Education on forest dynamic, environment and climate matters.

Table 7: Middle Zone drought risks and existing adaptation strategies

HAZARD : DROUGHT						
Sector	Risk	Stressor/Shock/Cause/ What is causing the risk	Existing Adaptation strategies	Effectiveness of the Strategies	Actions/Resources to Make it effective	Wards
Water	Increased water scarcity	Deforestation Reduced rainfall amounts. Delayed onset of rains and early cessation	Earth dams Sand dams Farm ponds Boreholes Water storage tanks	Medium	<ul style="list-style-type: none"> • Expansion of the existing earth dams • Distribution of boreholes • Installation of dam liners at the farm ponds • Enhanced roof water catchment • Change from diesel machines to green energy 	Mbitini, Tulimani, Wote/Nziu, Kako/Waia, Kisau/Kiteta, Kasikeu, Kiima-Kiu Kalanzoni, Nzakika, Kee, Muvau-Kikumini
	Water pollution	Poor solid & liquid waste management Soil erosion	Routine market cleaning Waste collection, Transportation and Burning of waste	Medium	<ul style="list-style-type: none"> • Establishment of a sanitary landfill • Purchase of more skip bins, skip loader and equipment • Recruitment of more personnel 	Wote/Nziu ward Kalawa Emali/mulala

			Treatment through water boiling		<ul style="list-style-type: none"> • Water treatment facilities 	
Environment/Forest ry	Soil infertility Gully formation	Soil erosion Loss of vegetation cover	Conservation agriculture Growing of cover crops Mulching Terracing Agroforestry Environmental awareness	Medium	<ul style="list-style-type: none"> • Increase technical expertise • Incentivize seedlings • Establishment of local nurseries • Enhance agroforestry • Sustainable Land Management programs • Community participation 	Tulimani, Mbitini Nzakika Kako/Waia Kee Ukia Kalawa
	Deforestation	Forest fires Illegal logging of trees	Site matching seedlings Construction of forest fires Growing of fire resistant trees Early monitoring and detecting of forest fires	Low	<ul style="list-style-type: none"> • Prompt response to reported forest fires • Capacity building of CFAs • Enhance forest guard's skills • Enhance Stakeholder collaboration 	Tulimani Mbitini Nzakika Kisau/Kiteta Kiima/Kiu

			Community participation in forest management Formation and		<ul style="list-style-type: none"> • Research & monitoring • Infrastructure development in forests • Enhance community engagement • Enhance extension services 	
Agriculture & Livestock	Low crop productivity	Loss of soil fertility Reduced rainfall amounts Delayed onset of rains and early cessation Crop pests & diseases	Crop rotation Crop diversification Planting drought resistant crops Use of farm manure Organic pest management options Use of certified seeds	Medium	<ul style="list-style-type: none"> • Enhancement of extension services • Organic pest management • Incentivized certified seeds • Community awareness • Sustainable Land Management practices • Irrigated agriculture 	

			Weed management			
			Regenerative agriculture			
	Lack of pasture	Reduced rainfall amounts Delayed onset of rains and early cessation Overstocking Soil erosion	Grass reseedling Livestock management Food supplements Pasture harvesting and storing Stocking of improved livestock breeds	Medium	<ul style="list-style-type: none"> • Fodder and pasture development • Enhanced extension services • Incentivized Artificial Insemination services • Incentivized grass seeds 	
	Crop pests & diseases	Change of weather patterns; high temperature, humidity, coldness Lack of weed control	Weed control Use of agrochemicals Organic pest management practices; ash Use of certified seeds	Medium/High	<ul style="list-style-type: none"> • Enhance extension services • Incentivize certified seeds • Incentivize agrochemicals • Practice crop rotation 	
	Livestock pests & diseases	Nomadism Lack of pasture	Use of agrochemicals	Medium	<ul style="list-style-type: none"> • Paddockling • Zero grazing 	

		Change of weather patterns				
Health	Low human productivity	human diseases	Access to healthcare	Medium	<ul style="list-style-type: none"> • Preventive health education • Promotion of hygiene best practices • Access to Universal Health Care • Increase access to health facilities • Distribution of drugs to health facilities • Increase community health volunteers 	Kalawa Tulimani Wote/Nziu Kisau/Kiteta
	Water borne diseases	Drinking unsafe water Water scarcity	Local water treatment Protection of water sources Community awareness	Medium	<ul style="list-style-type: none"> • Establishment of water treatment facilities for all water sources • Community awareness on sanitation and hygiene best practices 	

					<ul style="list-style-type: none"> Water treatment chemicals at household levels 	
	Malnutrition	Poor nutrition Poverty	Provision of relief food Cash transfer	Medium	<ul style="list-style-type: none"> Community health promotion Kitchen gardens Agroforestry 	

Table 8: Middle zone flashfloods risks and existing adaptation strategies

Flashfloods						
Sector	Risk	Stressor/Shock/Cause/What is causing the risk	Existing Adaptation strategies	Effectiveness of the Strategies	Actions/Resources to Make it effective	Wards
Water	Destruction and silting of water infrastructure	Intense rainfall Absence of flood proof infrastructure	Desilting of dams Construction of check dams	Medium	Sustainable land management practices Climate proof infrastructure	Wote/Nziu
	Contamination of water sources	Poor waste disposal Soil erosion	Market cleaning Treatment through Boiling water and desalinization	Medium	Scaling of water treatment facilities Integrated waste management	Emali Mulala Wote Nziu

Agriculture	Loss of crops	Intense rainfall	Climate information sharing	Low	Crop insurance Early warning systems Afforestation	Mbitini Kasikeu Nzakika
	Loss of productive land	Excess sand deposits on farmlands Mudslides	Manual scooping of sand from farms Relocation	low	Sustainable utilization Enhance Community engagement and benefits	Mbitini
Livestock	Loss of livestock productivity	Destruction of pasture	Fodder farming	Low	Insurance Early warning systems	Mbitini Wote/Nziu Kasikeu
Infrastructure	Destruction of roads	Lack of drainage	Road maintenance Grading of roads	Medium	Roads for water projects Construction of climate proof infrastructure	Nzakika Ukia Kasikeu
Environment	Development of gullies	Loose soils Loss of vegetation cover Reduced tree cover Open mining pits	Installation of gabions Afforestation and Re-afforestation	Medium	Enhanced agroforestry Restoration of degraded lands and rangelands	Kee Mbitini
	Excess sand deposits	Intense rainfall Deforestation Soil erosion Community conflicts	Relocation of community Provision of basic needs	low	Sustainable sand harvesting Community awareness and involvement	Mbitini

3.1.3 Lower agro ecological zones

This area is Composed of 13 Wards characterized by mean annual rainfall ranging between 250mm – 750mm and mean annual temperature 24°C- 26⁰ C. The zone is further characterized by lower midland lowland conditions, lower midland transitional conditions and upper midland sub-humid conditions. The soils are sandy loam soils. The agro-ecological zones are zone IV and zone V which are the arid and semi-arid lands commonly referred to as ASALs. The area is predominantly inhabited by agropastoralists and pastoralists. These areas have potential for rangeland management. The areas are not suitable for rainfed agriculture due to physical conditions such as aridity and poor vegetation. Climate resilience in these areas is built more on net crop and livestock revenue combined rather than crop and livestock alone. The wards include in this zone are; Makindu, Nguu Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.

The climatic risks in this zone are; drought, environmental degradation, crop pests and diseases, livestock parasites and diseases, human diseases and animal wildlife conflicts in areas bordering Tsavo west, Tsavo east and Chyulu national parks. Several cases of human wildlife conflicts in wards bordering River Athi. in this zone, Climate change is altering the face of disaster risk by complicating disaster risk reduction and increasingly making it difficult not only to predict the timing and magnitude but also to effectively deal with the disaster as they occur due to the compounding effects.

Climate change is increasing the frequency and severity of disasters and thus undermines sustainable development. This calls for the need to integrate the new threats posed by climate change to ensure climate-Smart disaster risk management, which has been suggested as one way of enhancing disaster resilience in the face of a changing climate.

3.1.3.1 Drought

Drought in this zone is the most pressing climatic risk. This poses a serious threat to the areas socio economic development since most of the key sectors are climate-sensitive such as, Ecosystems, Agriculture, Health, Energy, Tourism and livestock. in this zone, drought has manifested itself more than in the other agro-ecological zones. the wide spreader impacts of drought are water scarcity, reduced food production, pasture shortages and environmental degradation. this has resulted to widespread social risks that have affected livelihood.

Table 9: Lower Zone Risks and Strategies

Drought						
Sector	Risk	Stressor/shock/cause/what is behind the risk	Existing Adaptation strategies	Effectiveness of the strategy	Resources to make them effective	Wards
Water	Increased scarcity	<ul style="list-style-type: none"> • Unreliable rainfall • Over abstraction of water • Destruction of water catchment areas/ watersheds • Over extraction of sand • Encroachment of water catchment areas and riparian zones • deforestation 	<ul style="list-style-type: none"> • Implementation of existing regulations • Water harvesting infrastructure – earth dams, sand dams, shallow wells and borehole 	High	<ul style="list-style-type: none"> • Capacity building programmes • policy strategies to support this strategy • Dissemination of climate information • Strong community and social networks and unity • Enhancement of water harvesting infrastructure • Protection and conservation of the environment • Sustainable utilization of natural resources 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.

	Water pollution	<ul style="list-style-type: none"> Poor solid waste disposal Use of agrochemicals in riparian zones or near water bodies Waste water discharge in water ways 	<ul style="list-style-type: none"> Enforcement of relevant legislations Informal/ indigenous water treatment- use of ash, water treatments 	low	<ul style="list-style-type: none"> Increase public awareness SLM practices Water treatment technologies Adoption of integrated solid waste Waste water treatment 	Makindu, kalawa, kikumbulyu north, masongaleni, Mavindini
Environment	Loss of biodiversity	<ul style="list-style-type: none"> Delayed onset of rains Habitat destruction-deforestation, encroachment Recurrent and prolonged drought periods 	<ul style="list-style-type: none"> Increase public awareness campaigns on natural resource and ecosystem management for communities in key biodiversity ecologies Afforestation and reforestation programmes 	Medium	<ul style="list-style-type: none"> Capacity building and awareness programmes Enforcement of relevant legislations Dissemination of climate information Forest and landscape restoration establish water points around key biodiversity ecosystems 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.
	Land degradation: Gulley formation	<ul style="list-style-type: none"> Lack of soil and water conservation structures Deforestation Overstocking Lack of soil cover 	<ul style="list-style-type: none"> Terracing farms and denuded land Planting soil cover Practicing agroforestry 		<ul style="list-style-type: none"> Capacity building and awareness programmes Enforcement of relevant legislations Dissemination of climate information 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito

		<ul style="list-style-type: none"> • Soil erosion 	<ul style="list-style-type: none"> • Traditional gabion construction using sacks and sisal • Using organic manure on farms 		<ul style="list-style-type: none"> • Timely planting of trees • Adoption of Clean cooking technologies • Alternative sources of energy 	Andei, Masongaleni, Mavindini.
	Human/wildlife conflicts	<ul style="list-style-type: none"> • Habitat destruction • Water scarcity – destruction of water infrastructure • Human in wildlife zones 	<ul style="list-style-type: none"> • Compensation • Bee keeping to scare away elephants • Capacity building on building behaviours 	medium	<ul style="list-style-type: none"> • Supply of water to wildlife • Increased wildlife surveillance systems • Mobile game warden camps • Electric fencing and protection of wildlife corridors 	Makindu, Kikumbulyu South, Kuikumbulyu North, Thange, Ivingoni Nzambani, Mtito Andei, Masongaleni, Kitise/Kithuki
Agriculture and Livestock production	Reduction in crop yield	<ul style="list-style-type: none"> • Low soil moisture • Unreliable rainfall • Pests and diseases • Delayed rainfall onset • Soil degradation 	<ul style="list-style-type: none"> • Invest in capacity building on soil management • Invest in early warning systems and infrastructure • Traditional seed varieties • Drought to lerant crops • Mixed cropping and agroforestry 	high	<ul style="list-style-type: none"> • Provision of incentivized and quality pesticides and seeds • Formation and capacity building of cooperatives • Investments in water harvesting infrastructure for irrigated farming • Enhancement of extension services 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.

			<ul style="list-style-type: none"> • SLM practices 		<ul style="list-style-type: none"> • Soil testing • Climate smart agriculture, conservation agriculture • Creation and promotion of irrigation zones 	
	Low quality production	<ul style="list-style-type: none"> • Pests and diseases • Excessive use of agrochemicals 	<ul style="list-style-type: none"> • Crop diversification • Rearing of improved breeds 	Medium	<ul style="list-style-type: none"> • Provision of incentivized and quality pesticides and seeds • Soil testing 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.
	High crop production costs	<ul style="list-style-type: none"> • Poor soils • High cost of farm inputs 	<ul style="list-style-type: none"> • Peer to peer learning • Farm demonstration • Organic farming 	Medium	<ul style="list-style-type: none"> • Provision of incentivized and quality pesticides and seeds • Soil testing 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.
	Drying of pasture and fodder	<ul style="list-style-type: none"> • Insufficient rainfall 	<ul style="list-style-type: none"> • Destocking • Deliberate pasture 	medium	<ul style="list-style-type: none"> • Fodder development • Enhanced Extension services 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu

			development, harvesting and stocking. <ul style="list-style-type: none"> • Food supplementation, keeping of hardy breeds. 		<ul style="list-style-type: none"> • Soil and water conservation • Capacity building on rangeland management 	South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.
	Stunted growth/Livestock emancipation	<ul style="list-style-type: none"> • Pest and diseases • Inadequate pasture • High cost of animal feeds 	<ul style="list-style-type: none"> • Use of integrated pest management • Artificial insemination 	medium	<ul style="list-style-type: none"> • Fodder development • Enhanced Extension services 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.
Health	malnutrition	<ul style="list-style-type: none"> • Low agricultural production • Increased water scarcity 	<ul style="list-style-type: none"> • Food rationing • Food supplements 	low	<ul style="list-style-type: none"> • Increased investment in irrigated agriculture • Kitchen gardening 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.
	Water borne diseases	<ul style="list-style-type: none"> • Water scarcity • Water pollution 	<ul style="list-style-type: none"> • Water treatment 	Medium	<ul style="list-style-type: none"> • Water treatment • Sensitization and awareness 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo,

					<ul style="list-style-type: none"> • Solid waste management and waste water treatment 	Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.
Energy	Increased emissions	<ul style="list-style-type: none"> • Use of fossil fuels • Deforestation 		Low	Adoption of clean cooking technologies	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.
	Shortage of fuelwood	<ul style="list-style-type: none"> • Drying of plants • Insufficient rainfall 	Use of improved jikos Use of LPG	Low	<ul style="list-style-type: none"> • Adoption of clean cooking technologies 	Makindu, Nguu/Masumba, Kalawa, Kikumbulyu North, Kikumbulyu South, Thange, Ivingoni/Nzambani, Nguumo, Kitise/Kithuki, Kathonzweni, Mtito Andei, Masongaleni, Mavindini.

3.2 Ecological Distribution of Risks and New Strategies

Table 10: Upper zone risks and new strategies

UPPER ZONES				
Drought				
Sector	Risk	New Adaptation strategies	Vulnerable groups	Resources required
Water	Water scarcity	<ul style="list-style-type: none"> • Soil and water conservation structures • Protection and rehabilitation of riparian land • Rehabilitation of existing water structures • Adoption of improved irrigation technology • Conservation and protection of water sources • Planting riverine vegetation • Water governance 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill • Teenagers 	<ul style="list-style-type: none"> • Funds • Human resources • Equipment • Political Good will
	Water pollution	<ul style="list-style-type: none"> • Pollution control • Integrated solid and liquid waste management • Sensitization of communities 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resources • Equipment • Political Good will
	Salinization	<ul style="list-style-type: none"> • Investment in modern desalinization technology and equipments 	<ul style="list-style-type: none"> • Elderly • Children & Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource • Equipment • Political Good will
Environment	Forest fires	<ul style="list-style-type: none"> • Preparing and adherence to forest management plans • Maintenance of forest roads, fire breaks and fire lines 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource • Equipment •
	Pasture loss	<ul style="list-style-type: none"> • Reseeding land with pasture seeds • SLM in the pasture lands • Processing and value addition (pasture development program) 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource
	Loss of biodiversity	<ul style="list-style-type: none"> • In-situ and ex-situ conservation of endangered and endemic species 	<ul style="list-style-type: none"> • Elderly • Children • Women • PLWDs 	<ul style="list-style-type: none"> • Funds • Human resource

UPPER ZONES

Drought

Sector	Risk	New Adaptation strategies	Vulnerable groups	Resources required
			<ul style="list-style-type: none"> • Terminally ill 	
	Land degradation	<ul style="list-style-type: none"> • Promotion of SLM on farms and conserved lands 	<ul style="list-style-type: none"> • Elderly • Children • Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> •
Agriculture and livestock	Reduced crop yields due to soil infertility	<ul style="list-style-type: none"> • Soil testing • Use of organic fertilizers (organic farming) • Promotion of Regenerative Agriculture and climate smart Agriculture • 	<ul style="list-style-type: none"> • Elderly • Children • Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource • Equipment • Political Good will
	Loss of livestock	<ul style="list-style-type: none"> • Destocking • Livestock breeding to ensure superior breeds are developed • Intensified disease surveillance and vaccination programs 	<ul style="list-style-type: none"> • Elderly • Children • Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource •
Energy	In-door air pollution	<ul style="list-style-type: none"> • Promotion of clean energy technologies 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource
	Power outage	<ul style="list-style-type: none"> • Promotion of renewable energy like solar and wind energy 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource
Health	Increased spread of water borne diseases	<ul style="list-style-type: none"> • Promotion of primary health care • Water treatment in major water projects • Promotion of WASH programs • Food supplementation and fortification of foods 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource

Mudslides				
Sector	Risk	New Adaptation strategies	Vulnerable groups	Resources required
Water	Siltation	<ul style="list-style-type: none"> • Construction and maintenance of check dams 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource • Equipment
	Destruction of water infrastructure	<ul style="list-style-type: none"> • Development of climate proof infrastructure 	<ul style="list-style-type: none"> • Elderly • Children • Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource • Equipment •
	Cross contamination	<ul style="list-style-type: none"> • Repair of pipelines to avoid leakage and contamination 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource • Equipment •
Environment	Destruction of landscapes and settlements	<ul style="list-style-type: none"> • Planting of bamboo and other trees for soil stabilization on sloppy areas • Avoid farming and settlement on steep areas 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource • Equipment
Agriculture and livestock	Destruction of farms and livestock death	<ul style="list-style-type: none"> • Avoid farming and livestock rearing in areas prone to mudslides 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds Human • resource • Equipment • Political Good will
Infrastructure	Destruction of road infrastructure and social amenities	<ul style="list-style-type: none"> • Construction of climate proof roads • Reinforcement of roads and doing proper drainage using culverts, gabions • Adopting the roads for water technologies to have well drained roads. 	<ul style="list-style-type: none"> • Elderly • Children, Women • PLWDs • Terminally ill 	<ul style="list-style-type: none"> • Funds • Human resource • Equipment
Energy	Destruction of energy grid	<ul style="list-style-type: none"> • Avoid having power infrastructure development in mudslide prone areas 	<ul style="list-style-type: none"> • Elderly & Terminally ill • Children, Women • PLWDs 	<ul style="list-style-type: none"> • Political Good will

Health	Destruction of health facilities	<ul style="list-style-type: none"> • Avoid development of health infrastructure in mudslide zones • Construction of climate proofed health facilities 	<ul style="list-style-type: none"> • Elderly & Terminally ill • Children, Women • PLWDs 	<ul style="list-style-type: none"> • Funds • Human resource • Equipment • Political Good will
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Table 11: Middle zone risks and new strategies

MIDDLE ZONE				
Drought				
Sector	Risk	New Adaptation strategies	Vulnerable Groups	Resources required
Water	Increased water scarcity	<ul style="list-style-type: none"> • Enhanced rain water harvesting & storage • Catchment protection • Water resource management. • Use of green energy in powering water sources • Enhanced awareness creation 	Children, Women, PLWD, elderly	Funds Human Resource Political goodwill
	Water pollution	<ul style="list-style-type: none"> • Soil erosion control practices • Development and management of water sources • Integrated Solid & Liquid Waste Management • Holistic project design; Climate proof structures • Pollution control & enforcement • Enhanced environmental awareness 	Children Women PLWDs Elderly Poor	Funds Human resource Political goodwill
Environment/Forestry	Soil infertility	<ul style="list-style-type: none"> • Availability of adequate extension services. • Community engagement and sensitization on agricultural best practices • Environmental awareness and advocacy • Establishment and rehabilitation of gullies. • Sustainable Land Management Practices 	Women. Elderly. PWD's. Children, Terminally ill. All household farmers	Adequate funding Human Resource Political Goodwill Equipment
	Gully formation			
	Deforestation	<ul style="list-style-type: none"> • Promotion of agroforestry practices • Community Engagement and environmental education • Formation & strengthening of the existing CFAs 	Women. Elderly. PWD's. Children,	Adequate funding Human Resource Political goodwill

		<ul style="list-style-type: none"> • Availability of seeds and seedlings • Environmental awareness and advocacy • Enforcement of forest related legal frameworks • Enhanced forest extension services 	Terminally ill. All household farmers	Enabling policy & Legal provisions
Agriculture & Livestock	Low crop productivity	<ul style="list-style-type: none"> • Timely dissemination and application of Climate information. • Use of organic fertilizers • Combination of conservation and Conventional agriculture • Creation of pest free zones • Research and Growing crop pest resistant crops/seeds • Aerial spraying in case of mass infection. • Timely response management of crop pest and disease outbreaks 	Children, women, PLWD, Elderly Women Orphans and Vulnerable Children	Adequate funding Human Resource Political goodwill Enabling policy & Legal provisions
	Lack of pasture	<ul style="list-style-type: none"> • Fodder development • Enhanced Extension services • Subsidized grass seeds • Reseeding land with pasture seeds • Establishment of pest free zones • Promotion of SLM programs 	Children, women, PLWD, Elderly.	Adequate funding Human Resource Political goodwill Enabling policy & Legal provisions
	Crop pests & diseases	<ul style="list-style-type: none"> • Crop insurance • Subsidized pesticides • Establishment of pest free zone • Research and Growing crop pest resistant crops/seeds 	Women Children Elderly Sick Poor PLWDs	Adequate funding Human Resource Political goodwill Enabling policy & Legal provisions
	Livestock pests & diseases	<ul style="list-style-type: none"> • Promotion of livestock vaccination programs • Capacity building of farmers on best agrochemicals for pests & disease prevention and control • Enhanced livestock extension officers 	Men Youth Women Sick	Adequate funding Human Resource Political goodwill Enabling policy & Legal provisions

Health	Low human productivity	<ul style="list-style-type: none"> Enhance the scope of universal health care. Ensure availability of drugs in health facilities More health personnel 	Children, women, PLWD, Elderly.	Adequate funding Human Resource Political goodwill Enabling policy & Legal provisions
	Water borne diseases	<ul style="list-style-type: none"> Routine surveillance of water sources Disease surveillance Establishment of treatment facilities in all major community water sources. Establishment of disposal areas for agrochemical waste. Promotion of WASH programs 	Children, Women, PLWD, elderly Men	Adequate funding Human Resource Political goodwill Enabling policy & Legal provisions

Flash Floods				
Sector	Risk	New Adaptation Strategies	Vulnerable Groups	Resources Required
Water	Destruction and silting of water infrastructure	<ul style="list-style-type: none"> Construction of storm drains in urban areas Catchment protection and conservation Establishment of water climate proof infrastructures Maintenance of urban infrastructure 	Women Children Orphans PLWDs Elderly	Adequate funding Human Resource Political goodwill Enabling policy & Legal provisions
	Contamination of water sources	<ul style="list-style-type: none"> Development of climate proof infrastructure Integrated solid & liquid waste management Routine water quality monitoring Water Treatment 	Children Women PLWDs	Adequate funding Human Resource Political goodwill Enabling policy & Legal provisions
Agriculture	Loss of crops	<ul style="list-style-type: none"> Promotion of Sustainable Land Management Practices & Regenerative agriculture; Soil & water conservation Enforcement on encroachment into riparian zones 	Women Children Orphans PLWDs Elderly	Adequate funding Human Resource Political goodwill Enabling policy & Legal provisions
	Loss of productive land	<ul style="list-style-type: none"> Planting riverine vegetation Mapping out of flood prone areas 	Women Children	Adequate funding Human Resource

		<ul style="list-style-type: none"> Enhance SLM activities Enforcement of relevant legal frameworks on riparian land 	Orphans PLWDs Elderly	Political goodwill Enabling policy & Legal provisions
Livestock	Loss of livestock productivity	<ul style="list-style-type: none"> Relocation to safe grounds' Timely dissemination of climate information Enhanced advocacy Real time early warning systems 	Women Children Orphans PLWDs Elderly	Adequate funding Human Resource Political goodwill Enabling policy & Legal provisions
Infrastructure	Destruction of roads	<ul style="list-style-type: none"> Establishment of climate proof infrastructure Promotion of roads for water harvesting 	Women Children Orphans PLWDs Elderly	Funding Human Resource Political goodwill Enabling policy and legal provisions
Environment	Development of gullies	<ul style="list-style-type: none"> Rehabilitation of gully areas Protection and conservation of catchment areas 	Elderly Children Women Children	Human Resource Funds Political good will
	Excess sand deposits	<ul style="list-style-type: none"> Promotion of Sustainable land management practices Enhanced environmental awareness and advocacy 	Children Women Orphans Terminally Ill	Human Resource Funds Equipment Political goodwill

Table 12: Lower zone risks and new strategies

LOWER ZONE				
Drought				
Sector	Risk	New Adaptation strategy	Vulnerable Groups	Resources
Water	Increased scarcity	<ul style="list-style-type: none"> Roof and surface water harvesting Enhancement of Water harvesting infrastructure (dams, water pans, 	<ul style="list-style-type: none"> PWD Special needs 	<ul style="list-style-type: none"> Funds/financial resources

		water tanks) Construction of large/mega water harvesting and storage structures - earth dams sand dams <ul style="list-style-type: none"> • Protection and conservation of water catchment areas • Merry go rounds based on purchase of water tanks • Desilting of existing dams • Sensitization and awareness programmes on water harvesting 	<ul style="list-style-type: none"> • Children • Women • Pregnant and lactating mothers • Elderly • Youth 	<ul style="list-style-type: none"> • Technical expertise
	Water pollution	<ul style="list-style-type: none"> • Integrated waste management • Provision of water treatment chemicals • Holistic design of water projects • Surveillance and monitoring of water sources • Establishment of Treatment facilities in all major community water sources. • Establishment of disposal areas for waste. • On Sensitization, awareness and capacity building programmes 	<ul style="list-style-type: none"> • PWD • Special needs • Children • Women • Pregnant and lactating mothers • Elderly • Youth 	<ul style="list-style-type: none"> • Funds/financial resources • Technical expertise
Environment	Loss of biodiversity	<ul style="list-style-type: none"> • Review and enforcement of relevant laws • landscape restoration • Alternative fuel sources • landscape restoration • Technical capacity building on threatened and endangered species • Certification of tree nurseries • Sustainable land management practices 	<ul style="list-style-type: none"> • PWD • Special needs • Children • Women • Pregnant and lactating mothers • Elderly • Youth 	<ul style="list-style-type: none"> • Funds/financial resources • Technical expertise

		<ul style="list-style-type: none"> • Sensitization, awareness and capacity building programmes 		
	Land degradation::gulley formation	<ul style="list-style-type: none"> • Promoting afforestation, reforestation and agroforestry • Forest and landscape restoration • Reducing overstocking and overgrazing • Promoting zero grazing • Grass reseeding • Farm terracing • Sensitization, awareness and capacity building programmes 	<ul style="list-style-type: none"> • PWD • Special needs • Children • Women • Pregnant and lactating mothers • Elderly • Youth 	<ul style="list-style-type: none"> • Funds/financial resources • Technical expertise
	Human/ wildlife conflicts	<ul style="list-style-type: none"> • Electric fencing • Protection of wildlife corridors • Compensation • Supply of water to wildlife • Capacity building on human wildlife mitigation • Sensitization, awareness and capacity building programmes 	<ul style="list-style-type: none"> • Farmers • children 	<ul style="list-style-type: none"> • Funds/financial resources • Technical expertise
Agriculture and Livestock Production	Reduction in crop yield	<ul style="list-style-type: none"> • Lined farm ponds at HH level to support irrigation • Promotion of irrigated agriculture • Reliance on meteorological weather forecast advisories Promote the use of climate information and Early warning systems • Promotion of micro irrigation • School feeding programme • Agroforestry, Afforestation • Use of climate smart agriculture (modern farming technologies) - 	<ul style="list-style-type: none"> • PWD • Special needs • Children • Women • Pregnant and lactating mothers • Elderly • Youth 	<ul style="list-style-type: none"> • Funds/financial resources • Technical expertise

		<p>conservation agriculture, regeneration agriculture</p> <ul style="list-style-type: none"> • Use of authentic certified seeds • Creation of irrigation zones • Promotion of vertical gardens (kitchen gardens) • Crop insurance programmes • Food aggregation • Soil testing and analysis • Diversification of agriculture- poultry, bee keeping • Drought tolerant crops • Subsidized farm inputs • Enhancement of extension services 		
	Low quality production	<ul style="list-style-type: none"> • Farm demonstration • Extension services • Pest and Disease surveillance and vaccination programmes • Peer to peer learning • Value addition of products • Integrated pest management • Artificial insemination • Organic farming 	<ul style="list-style-type: none"> • PWD • Special needs • Children • Women • Pregnant and lactating mothers • Elderly • Youth 	<ul style="list-style-type: none"> • Funds/financial resources • Technical expertise
	High production costs	<ul style="list-style-type: none"> • Promote the use of climate information • Crop and animal insurance programmes • Use of climate smart agriculture (modern farming technologies) - conservation agriculture, regeneration agriculture 	<ul style="list-style-type: none"> • PWD • Special needs • Children • Women • Pregnant and lactating mothers • Elderly • Youth 	<ul style="list-style-type: none"> • Funds/financial resources • Technical expertise

	Drying and of pasture and fodder	<ul style="list-style-type: none"> fodder and feed conservation and animal feed formulation destocking/livestock offtake range management (pasture farming) zero grazing and high value livestock species livestock insurance programme capacity building and investment in research 	<ul style="list-style-type: none"> PWD Special needs Children Women Pregnant and lactating mothers Elderly Youth 	<ul style="list-style-type: none"> Funds/financial resources Technical expertise
	Stunted growth/Livestock emancipation			
Health	malnutrition	<ul style="list-style-type: none"> Community health outreach Awareness creation 	<ul style="list-style-type: none"> PWD Special needs Children Women Pregnant and lactating mothers Elderly Youth 	<ul style="list-style-type: none"> Funds/financial resources Technical expertise
	Water borne diseases	<ul style="list-style-type: none"> Surveillance of water sources, water testing and analysis Establishment of Treatment facilities in all major community water sources. Establishment of disposal areas for agrochemical waste and other types of waste Sensitization, awareness and capacity building programmes 	<ul style="list-style-type: none"> PWD Special needs Children Women Pregnant and lactating mothers Elderly Youth 	<ul style="list-style-type: none"> Funds/financial resources Technical expertise
Energy	Increased emissions	<ul style="list-style-type: none"> Use of clean cooking technologies Incentivized renewable energy Sensitization, awareness and capacity building programmes 	<ul style="list-style-type: none"> PWD Special needs Children Women 	<ul style="list-style-type: none"> Funds/financial resources Technical expertise

			<ul style="list-style-type: none"> • Pregnant and lactating mothers • Elderly • Youth 	
	Shortage of fuelwood	<ul style="list-style-type: none"> • Promotion of Agroforestry • Afforestation and reforestation programmes • Use of clean cooking technologies • Incentivized renewable energy • Sensitization, awareness and capacity building programmes 	<ul style="list-style-type: none"> • PWD • Special needs • Children • Women • Pregnant and lactating mothers • Elderly • Youth 	<ul style="list-style-type: none"> • Funds/financial resources • Technical expertise

CHAPTER FOUR: ADATATION STRATEGIES

4.1 Ecological Zone Adaptation Priority Strategies

The thirty wards prioritized their climate actions, describing the priority action, the current and future scenario hazard the action will address and linkages between the impacts. The priority actions are as described below;

Table 13: Ecological Zone Adaptation Strategies

ZONE: UPPER ZONE		
Ward: Mbooni		
Priority 1 Water harvesting for irrigation & domestic use	Priority 2 Environmental restoration	Priority 3 Agricultural crop and livestock development
<ul style="list-style-type: none"> • Rehabilitation of Mulima Earth Dam with irrigation components- • Conservation of the earth dam catchment area, protection of the reservoir, water treatment, draw off system, rising main and distribution to farms and market centers (hybrid powered) 	<ul style="list-style-type: none"> • Strengthening of CFAs and establishment of CFAs in areas without • Environmental conservation structures • Terraces and stabilization • Road water harvesting • Gulley rehabilitation • Agro-forestry -coffee, avocado, mango, macadamia • Enforcement of relevant laws to stop forest deforestation 	<ul style="list-style-type: none"> • Capacity building of farmers on climate smart agriculture • Provision of certified seeds • Provision of subsidized AI services • Provision of avocado and macadamia seedlings • Provision of subsidized fertilizers and other farm inputs • Facilitating extension officers to ensure adequate farmer sensitization
Ward: Mukaa		
Priority 1. Water harvesting for irrigation & domestic use	Priority 2 Water Distribution	Priority 3 Environmental Conservation and restoration

Expansion and Desilting of Kwa Kakui Mega Earth Dam, irrigation components –dairy, fodder development. agricultural extensions.	<ul style="list-style-type: none"> ● Distribution of harvested water from Kwa Kakui Earthdam to; Maiani, Enzai, Itonguni, Kamuthiini, Kiongwani Clusters ● And all Schools and hospitals 	<ul style="list-style-type: none"> ● Kwa Kakui Tree planting project- avocado,mangoes. ● Gulley Rehabilitation in Kiongwani and Mutiluni.
Ward: Kithungo/Kitundu		

Priority 1 Water harvesting for irrigation & domestic use	Priority 2 Agricultural crop and livestock development	Priority 3 Environmental Conservation and restoration
<ul style="list-style-type: none"> ● Kyaula Kathambalani rivers weirs/sand dams, sump, solar pumping and distribution and tree nursery. distribution to farms and (primary, secondary, dispensary, market and community) <ul style="list-style-type: none"> ○ Kyaula, ○ Itulu, ○ Kavumbu, ○ Muumani, ○ Kitooni, ○ Matithi 	<ul style="list-style-type: none"> ● Subsidized farm inputs - certified seeds and agrochemicals ● Soil fertility management - soil testing ● Livestock breed improvement - viable AI (artificial insemination) ● Crop breed improvement - early maturing drought tolerant crops ● Agroforestry - avocado, mango, macadamia ● Water harvesting through weirs for irrigated agriculture ● Training and capacity building ● Extension services ● Demonstration farms ● Livestock vaccination programme 	<ul style="list-style-type: none"> ● Soil and water conservation structures ● Terraces and stabilization ● Road water harvesting ● Gulley rehabilitation ● Agro-forestry -avocado, mango, macadamia ● Enforcement of relevant laws to stop forest destruction
Ward:Kilungu		

Priority 1 Rehabilitation of Water catchment areas and water harvesting for irrigation and domestic use	Priority 2: Rehabilitation/ Restoration of degraded land/areas and renewable energy	Priority 3: Agricultural crop and livestock development
<ul style="list-style-type: none"> • Construction of sand dams in Kyumani, Ilovoto, Ndiani, Kyekolo, Nduu, and distribution of the water for irrigation. • Provision of water tanks in all health facilities and schools neighboring major gullies to reduce surface runoff. • Enforcement of EMCA, 1999 and Water Act along major rivers 	<ul style="list-style-type: none"> • Rehabilitation of existing gullies in Nthunguni, Kwa Malasi and Nunguni primary • Terracing/Cut off drains • Provision of climate friendly seedlings • Retraining groups with tree nurseries • Support farmer groups and tree nursery groups with water tanks • Renewable energy sources 	<ul style="list-style-type: none"> • Provision of avocado and macadamia seedlings • Provision of certified seeds • Provision of subsidized AI services • Provision of subsidized fertilizers and other farm inputs • Capacity building of farmers on climate smart agriculture
<ul style="list-style-type: none"> • Planting riverine species along the rivers along major rivers • Sensitization on water pollution • Check dam and gabion construction along major rivers • Community sensitization on environmental protection and conservation 	<input type="checkbox"/> Capacity building on best tree species to plant that conserve the soil and underground water systems	
Ward: Ilima		
Priority 1: Water harvesting for irrigation and domestic use and catchment protection	Priority 2: Agricultural crop and livestock development	Priority 3: Environmental conservation and Restoration

<ul style="list-style-type: none"> • Sand dam construction with sump at Wautu River, Kiusyi, Manyanzala, Mukilitwa, Kisuu, Malunda, Kasyelia, Ngele and Kaiti river and distribution of the water • Enforcement of relevant policies • Planting riverline species in riparian land □ Water governance 	<ul style="list-style-type: none"> • Training on climate smart agriculture • Provision of certified seeds to farmers • Capacity building of farmers through extension workers • Practicing irrigated agriculture • Pasture farming • Soil testing • Training some community members on soil testing and provision of required resources • Provision of a trained AI officer 	<ul style="list-style-type: none"> • Rehabilitation Kwa Kyalika, Kwa Katoni and Kwa Kithuku Gullies • Enforcement of relevant policies along major rivers • Tree nursery establishment (Fruit trees - Mango, Avocado and macadamia and indigenous trees) • Tree planting along Riparian land • Cover crop farming
MIDDLE ZONE		
Ward: Kee		
Priority 1: Water harvesting and distribution for irrigation and domestic use	Priority 2: Agricultural crop and livestock development	Priority 3: Environmental conservation and Restoration
<ul style="list-style-type: none"> ● Rehabilitation of earth dams such as Kyanduu, Kayumba, Kwa Kivinda, Kikonde, Ndumani, Kivaku , 	<ul style="list-style-type: none"> ● Adoption of new farming method such as Conservation agriculture and regenerative agriculture 	<ul style="list-style-type: none"> ● Rehabilitation of gullies such as Kwa Kivinda, Kwa Kimanyi, Ikalyoni, Kwa Mathuva Mutiso (Nguluni), Kwa Mukanzu

<p>Mutulani, Mbooni, Kivani, Kalii, Kitandi and Kyamuthyoi.</p> <ul style="list-style-type: none"> ● Distribution of boreholes such as Ngiitini, Kilia king'ang'a, Nguluni and Kitandi ● Establishment of new water sources in Ndumani, Kasunguni and Kilolo ● Excavation of farm ponds. ● Advocacy to alleviate pollution of water sources 	<ul style="list-style-type: none"> ● Practicing irrigated farming ● Pasture farming ● Establishment of model farms and demonstration farms ● Capacity building through extension officers and trainings 	<p>(Kola Police), Kwa Matheka (Ndumani), Near Matangi Primary school,</p> <ul style="list-style-type: none"> ● Terracing of farms ● Adopting agroforestry with high value plants ● Planting cover crops ● Planting pastures ● Conservation of cultural sites and shrines ● Establishment and support of existing tree nurseries for production of appropriate seedlings for land restoration and rehabilitation.
Ward: Tulimani		
Priority 1 Water Harvesting for irrigation and domestic use	Priority 2: Environmental conservation and restoration	Priority 3: Agricultural crop and livestock development
<ul style="list-style-type: none"> ● Sand Dam construction and distribution - Yaka ● Desilting and distribution of Mulima Earth Dam ● Distribution of water to farms and institutions ● Rock Catchment at Maa Meu and Kiambwa. 	<ul style="list-style-type: none"> ● Afforestation - institutions – Gulley rehabilitation, Terracing and farm pond construction. ● Capacity building cfas ● Gully rehabilitation- ● Farm ponds and terraces 	<ul style="list-style-type: none"> ● Vaccines - all ward ● Artificial insemination ● Extension services
Ward: Kako/waia		
Priority 1. Water harvesting for irrigation and domestic use	Priority 2 Improve crop production	Priority 3 Environmental Conservation

<ul style="list-style-type: none"> • Construction of Mega Earth Dam at Kwa Mateng'e to promote irrigation for agricultural production. • Distribution of water to Kiimani Kya Kithendu to Ngoluni, 	<ul style="list-style-type: none"> • Provision of authentic certified seeds. • Provision of affordable AI services. • Promotion of extension services. • Capacity building on Conservation agriculture and Regenerative agriculture. 	<ul style="list-style-type: none"> • Restoration of degraded lands within the ward in order to address environmental issues that impact on climate change. • Planting of trees in all schools and Hospitals.
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Kyangondu, Mbumbuni, Sophia and Kavukoni.		
Ward: Kisau/Kiteta		
Priority 1 Water harvesting for irrigation and domestic use	Priority 2 Agricultural crop development	Priority 3 Agricultural livestock development.
<ul style="list-style-type: none"> • Enhancement and distribution of Kinze Earth Dam. • Enhancement and distribution of Mulima Earth dam for irrigation • Protection of water sources: Ngoni • Kilisa,Kyala,Mukimwani, Musaa, Kanthale, Kwa ndaka,Kyati,Isauni,Kyendei dams. • Protection of Kyome Kuko springs. • Capacity building on water management and Governance 	<ul style="list-style-type: none"> • Provision of certified seeds. • Extension services. • Disease surveillance. • Training on conservation agriculture. 	<ul style="list-style-type: none"> • Breed improvement. • Extension services. • Vaccination and disease surveillance.
Ward: Kasikeu		
Priority 1 Water Harvesting for irrigation and domestic use	Priority 2 Infrastructure Development	Priority 3 Environmental Conservation and restoration

<ul style="list-style-type: none"> ● Earth dam construction and renovating sand dams (along Myani, Muangini, Mikuyu and Enguli) 	<ul style="list-style-type: none"> □ Infrastructural renovations especially roads leading to educational centers Kiongwani girls- Kaleo primary school- Kiou primary road 	<ul style="list-style-type: none"> □ Tree planting in the whole ward and gabions constructions along rivers road to reduce environmental degradation.
Ward: Kiimakiu/Kalanzoni		
Priority 1. Environmental Conservation and restoration	Priority 2 Water Harvesting for irrigation and domestic use	Priority 3 Agricultural crop and livestock development
<ul style="list-style-type: none"> ● Promotion of Sustainable land management- through Afforestation at Kavuko Hill, Mulamini, Kwemaa, Marwa. 	<ul style="list-style-type: none"> • Expansion, distribution and protection of Silanga Mbuu Mega Earth dam. • Expansion, distribution and protection of Kwa Mulela Earth dam. 	<ul style="list-style-type: none"> • Diversify crop production in att a sub wards. • Provision of certified seeds • Provision of Extension services

<ul style="list-style-type: none"> Gulley Rehabilitation at Ngiini, Kwa Kilungu, Nthaani, Kavuko, Kithata, Memea kwa Museu, Kasunguni, Kwa Ndiki, Kwa Katili, Mulumini, Kithea, Kiu Railway line, Ikaasu, Kwa Kaveki, Kikongoni, Mbondoni, Kwa Kikonyo, Mavivye Katatu, Kwa Ndone, Kyamuloi, Petrocity, Ndovoni, Kwekuyu, Kwandiki, Kwa Loa, Kwa Ndawa, Kisainguni, Ndivoo, Kyasimba, Kangemi and Mutumunyani. Gabion construction of Ikolya River, Mbuku River, Kavutu river and sand dam. 	<ul style="list-style-type: none"> Desilting, Expansion, distribution and protection of Kwa Loa and Ndivoo Earth Dams. Kwa Mulela along Kiu ranch. Desilting of Kwa Kaveki, Katatu, Uvevoni, Kwa Makumi, Masungu, Kwa Kakulu and Ikolya Rehabilitation of Kwa Ndeke earthdam, and Equipping of Salama Borehole. Extension lines for Ulu Borehole, Kwa Tuva, Kasalama and Kavuko. 	<ul style="list-style-type: none"> Increase crop disease surveillance Training on conservation agriculture, regenerative and crop rotation. Provision of Subsidized agricultural inputs.
Ward: Nzaui/Kilili/Kalamba		
Priority 1 Water harvesting for irrigation and domestic use	Priority 2 Agricultural crop and livestock development	Priority 3 Environmental Conservation and Restoration
<ul style="list-style-type: none"> Construction of sand dams along Kikuu River. Provision of subsidized water tanks. Effective water governance. 	<ul style="list-style-type: none"> Promotion of climate smart Agriculture. Provision of more extension services. Provision of certified seeds and provision of improved livestock breeds. 	<ul style="list-style-type: none"> Gulley rehabilitation along river Kikuu. Provision of improved pasture seeds. Promotion of establishment of tree nurseries across the ward. Proper disposal of solid and liquid waste in all towns. Kalamba and Matiliku.
Ward: Ukia		

Priority 1:	Priority 2:	Priority 3:
Water harvesting for irrigation and domestic use	Infrastructure Development	Agricultural crop and livestock development
<ul style="list-style-type: none"> • Construction of Mega water infrastructure in Kaiti Kisusyo and Munyii kwa Musau • Construction of sand dams and water sumps across major streams at Yathonza river, Munyii Kwa Musau river and Natha stream 	<ul style="list-style-type: none"> • Improvement of rural infrastructure (Roads) through murraming and tarmacking of Kilala- Iuani-Kavutini- Kwa Kasamili- Kaseveni Itandi road and Kwa Thonza - Kyau- Makuli - Nzumani - Mumbai - Kivani road 	<ul style="list-style-type: none"> • Intensive farmer training on modern farming methods and on irrigation farming. • Training of extension officers. • Equipping extension officers with necessary tools/equipment
Ward: Emali/Mulala		
Priority 1: Water harvesting and distribution for irrigation and domestic use	Priority 2: Agricultural crop development	Priority 3: Agricultural livestock development

<ul style="list-style-type: none"> ● Desilting earthdams / water pans such as Matiku, Kwa Mutoa, Kwa Kaleli, Mwanyani, Ndwaani and Makupa ● Construction of new water pans and earthdams ● Water distribution from Yandia water sump, Kitandi, Kwa Muli and Kwa Kakulu boreholes ● Borehole rehabilitation such as Kiواني, Emali Primary school, Musovo, Kiliku, Tutini, Nduundune and Mwanayani ● Construction of new sand dams along Mwooni and Mwasang'ombe rivers ● Construction of farm ponds 	<ul style="list-style-type: none"> ● Embracing irrigated agriculture from earth dams, farm ponds and sand dams ● Provision of certified seeds as per prevalent climatic conditions ● Sensitization/capacity building by extension officers ● Soil testing ● Embracing climate smart agriculture and regenerative agriculture ● Crop insurance ● Formation of producer associations for different farm products ● Adoption of sustainable land management by terracing and planting cover crops. 	<ul style="list-style-type: none"> ● Capacity building by livestock extension officers ● Farming of pastures ● Use of improved breeds ● Livestock fattening and marketing ● Formation of producer associations for different farm products
Ward: Wote/nziu		
Priority 1	Priority 2	Priority 3
Water harvesting for irrigation and domestic use	Environmental conservation and management	Agricultural livestock development

<ul style="list-style-type: none"> • Community mega earth dams, • Construction of sand dams in Kaiti and distribution of water. Kaiti to Kituasi villages, kaiti to kwa nzangi, kilumwa/kyambui • Roof catchment water harvesting i.e water tanks • Conservation of water catchment areas 	<ul style="list-style-type: none"> • Pollution Management • Establishment of a waste management infrastructure in Wote town 	<ul style="list-style-type: none"> • Adoption of dry land agricultural technologies • Extension promotion –pulses, grains and fruits • Farmer training • Strengthening market systems
Ward: Muvau/Kikumini		
Priority 1 Water harvesting for irrigation and domestic use	Priority 2 Agricultural crop development	Priority 3 Agricultural livestock development
<ul style="list-style-type: none"> • Expansion and desilting of earth dams with catchment and agroforestry programme; Kambi mawe, Kwa muia, Ngosinin east, Mango, Harambee, Isooni, Ngoso, Ngalaliki and Kithembe • Water harvesting through construction of sand dams; Thwake, Mauta, Mwilu, Ngosini and Mwinga • Subsidized water harvesting at household level by Farm ponds with liners and pumping systems and water tanks for roof water harvesting • Rehabilitation and restoration of water catchment areas - Nzueni hill, 	<ul style="list-style-type: none"> • Agricultural support programme - Certified Drought Tolerant Seeds-green grams, community seed production, Extension, Capacity Building and Agroforestry 	<ul style="list-style-type: none"> • Livestock improvement programme-extension services, breed improvement, high value pasture seed, pasture management and vaccination • Promotion of poultry production

muva hill, high value agroforestry trees		
Ward: Mbitini		
Priority 1: Water Harvesting for irrigation and domestic use	Priority 2: Environmental conservation and restoration	Priority 3 Agricultural crop and livestock development
<ul style="list-style-type: none"> ● Sand dams - Muuoni River ● Provision of subsidized Water tanks 	<ul style="list-style-type: none"> ● Gulley Rehabilitation through gabions ● Agroforestry ● Afforestation along Muambwani River ● Sustainable Land Management Practices ● Sustainable utilization of excess sand deposits. 	<ul style="list-style-type: none"> ● Provision of subsidized pesticides plus insecticides. ● Promotion of conservation Agriculture. ● Subsidized livestock vaccines ● Certified seeds ● Poultry development
LOWER ZONE		
Ward: Kalawa		
Priority 1 Water harvesting for irrigation and domestic use	Priority 2 Agricultural crop and livestock development	Priority 3 Environmental Conservation and Restoration

<ul style="list-style-type: none"> • Construction of sand dams: Kalawa river, Kwandota river, Munyuni river, Kanzonzo river • Extension of piped water from earth dams (Mbasya,kyamakuthi, muusini, movie, mutembuku) to farms and HH's • Provision of water tanks for roof water harvesting in all locations. • Desilting of most earth dams in the ward to ensure maximum water harvesting during the rainy seasons. 	<ul style="list-style-type: none"> • Sensitization on climate-smart agriculture (Need for WAOs to sensitize community members on the need to plant crops that are suitable to their climate in order to adapt to a changing climate and mitigate its adverse effects in all locations) • Community to relinquish their cultural beliefs and cultures that are detrimental to adaptation and mitigation of climate change in all locations. • Grains and pulses • Goat improvement • Honey production 	<ul style="list-style-type: none"> • Restoration of degraded lands within the ward in order to address environmental issues that affect climate change. • Conservation and protection of riparian areas especially along Athi and Thwake rivers to ensure sustainable water sources in the ward. • Construction and rehabilitation of gullies.
Ward:Mtito Andei		
Priority 1	Priority 2	Priority 3
Water harvesting for irrigation and domestic use	Environmental conservation and Restoration	Agricultural crop and livestock development

<ul style="list-style-type: none"> • Construction of mega dams that can be recharged from Mtito River. • Extension of piped water to cover more locations in the ward. • Daming the seasonal Kambu River to harvest most of the seasonal runoff for use during the dry spell. • Desilting Kwa Matee dam to capture more volumes of water during the rainy seasons. • Excavation of on farm water structures such as farm ponds in all households to ensure surface runoff water harvesting during the rainy seasons. 	<ul style="list-style-type: none"> • Restoration of degraded areas of the ward (generally in all locations) • Sensitization on soil conservation methods in order to conserve the environment in all locations. • Growing of trees that can withstand high temperatures in all locations in order to prepare for adaptation to a warming climate in future. • Conservation and protection of riparian areas in order to ensure sustainable water sources. 	<ul style="list-style-type: none"> • Sensitization on control of crop and livestock pests in order to improve food and nutrition security in households. • Growing of crops that are drought tolerant and resistant to most common pests. • Rearing of livestock that are not very much impacted by the most common pests. • Researching on the best control methods for crop and livestock pests. • Sensitization on farm management practices. • Grains and pulses • Goat improvement • Honey production
Ward: Makindu		
Priority 1 Water harvesting for irrigation and domestic use	Priority 2 Agricultural crop development	Priority 3 Agricultural livestock development
<ul style="list-style-type: none"> • Construction of sand dams along: Muooni river - kwa manzala- kwa kalii, mbiuni, malivini, kangii and itulani and Kikuu river - kwa mukosi/downstream of bridge-to serve kalii, nzaikoni, kawala, ngomano, kavatini, kyanda, ngakaa • Rehabilitation of kiu catchment • Mega surface water harvesting for irrigated agriculture and agroforestry 	<ul style="list-style-type: none"> • Purchase/ buying CA equipment and accessories, sensitization, certified seeds and demo farms • Promotion of irrigated agriculture • Grains and pulses • Goat improvement • Honey production • Pasture development 	<ul style="list-style-type: none"> • Construction/ and/or rehabilitation of cattle crushes and cattle dips across the ward, sensitization, AI (breed improvement) paste establishment and management, extension
Ward: Nguu/Masumba		

Priority 1	Priority 2	Priority 3
Agricultural crop and livestock development	Water Harvesting for irrigation and domestic use	Environmental conservation and restoration
<ul style="list-style-type: none"> • Certified seeds and drought resistant crops provision • Pasture development, • Goat improvement • Bee keeping 	<ul style="list-style-type: none"> • Harvesting of surface runoff to be used for irrigation and in cattle water points. 	<ul style="list-style-type: none"> • Construction and installation of soil and water conservation structures in farmlands.
Ward: Kikumbulyu South		
Priority 1 Environmental Conservation and Restoration	Priority 2 Agricultural crop and livestock development	Priority 3 Promotion of preventive promotion health
<ul style="list-style-type: none"> • Rehabilitation of gullies and re-forestation across the ward. • Provision of seeds & seedlings for agroforestry 	<ul style="list-style-type: none"> • construction of terraces and farm ponds • Bee keeping • Goat keeping • Pulses and grains 	<ul style="list-style-type: none"> • Training more persons on health facilitation <ul style="list-style-type: none"> • Waste management
Ward: Kikumbulyu North		
Priority 1 Water Harvesting for irrigation and domestic use	Priority 2 Agricultural crop and livestock development	Priority 3 Environmental Conservation and Restoration
<ul style="list-style-type: none"> • Sump system in Athi river. to • Distribution of Athi water Ngaikini-Kiwanzani-Mukonzitunguni-Kathyaka for irrigation 	<ul style="list-style-type: none"> • Pasture development- Growing of pasture on large scale. • Mechanized feed harvesting and Feed formulation • Bee keeping • Goat keeping 	<ul style="list-style-type: none"> • Sensitization of community on environmental matters.

	<ul style="list-style-type: none"> Pulses and grains 	
Ward: Nguumo		
Priority 1: Water harvesting and distribution for irrigation and domestic use	Priority 2: Environmental restoration and conservation	Priority 3: Agricultural crop and livestock development
<ul style="list-style-type: none"> Athi - Tunguni distribution to Umanyi water distribution ib Kikumbulyu North - Nguumo Ngambi ya Myunzyu - Ndovoini s location distribution Mbui nzau hill rock catchments 	<ul style="list-style-type: none"> Conservation of MbuiNzau and Kilema Hill (tree planting) Rehabilitation and conservation of Mbui Nzau Water tower Adopt sustainable land management practices 	<ul style="list-style-type: none"> Provision of appropriate certified seeds Selection of disease tolerant crops and livestock breeds Livestock breed Improvement program. Extension services Vaccination and disease surveillance
Ward: Thange		
Priority 1	Priority 2	Priority 3
Environmental Conservation and Restoration	Agricultural crop development	Agricultural livestock development

<ul style="list-style-type: none"> • Tree nursery establishment at community groups across the ward. • Water supply to the nurseries and households. • Construction of earth dam at River Thange. • Desilting of Maia, Muusini, Maikuu, Kwa Ngave, Ithaayoni, Kasasule, Kikunduku, Metava, Kinyambu, Kwa Gregory, Kwa Kasimba, Kwa Muvange and Isunguluni 	<ul style="list-style-type: none"> • Sensitization on smart agriculture • Subsidized fertilizers provision. • Capacity building of farmers on climate smart agriculture, regenerative agriculture and dryland agricultural technologies • Terracing and water run off harvesting • Provision of hybrid goats • 	<ul style="list-style-type: none"> • Provision of insecticides and pesticides for pest controls • Provision of Vaccination services to livestock
Ward: Ivingoni/Nzambani		
Priority 1 Water harvesting for irrigation and domestic use	Priority 2 Agricultural crop and livestock development	Priority 3 Environmental Conservation and Restoration
<ul style="list-style-type: none"> • Construction of mega earth dams in lower Nthongoni in Utu area • Construction of mega earth dam in kwa Mukonza and kwa Nzoongo • Water distribution from Utu, Kwa Mukonza borehole with rising mains to Utu hill • Water distribution from high yield water sources in upper Nthongoni to Makutano, Mangelete and Mtito andei areas 	Food insecurity <ul style="list-style-type: none"> • Capacity building of farmers on climate smart agriculture, regenerative agriculture and dryland agricultural technologies • Production and supply of certified seeds and improved breeds –pulses and grains • Formation of farmer cooperatives • Promotion of fodder crops • Mechanized agriculture 	<ul style="list-style-type: none"> • Provision of certified seedlings that are climate friendly/indigenous and water tanks • Training of farmers/Capacity building • Government to supply tree seedlings from the existing established nurseries and ensure monitoring is done • Improvement of existing tree nurseries and support them for certification and issuance of shade nets, water tanks and other equipment for tree nursery
Ward: Kathonzwi		
Priority 1	Priority 2	Priority 3

Water harvesting for irrigation and domestic use	Environmental conservation and restoration	Agricultural crop and livestock development
<ul style="list-style-type: none"> ● Construction of earthdam in Kathamboni, Kyuasini and Mutuuteni area ● Construction of sand dam across Kikuu river at Kwakavisi, sump tank and distribution to Kwa Kavisi location, ● Desilting and fencing of Matinga 1, treatment and distribution. 	<ul style="list-style-type: none"> ● Tree planting, ● Agroforestry, ● Rehabilitation of denuded land ● Grass reseeding and fencing ● Gulley rehabilitation, ● Soil and water conservation structures, ● Renewable energy sources, energy saving jikos/stoves 	<p>Kathonzweni integrated improved livestock project-</p> <p>Capacity building, o Improved/subsidized AI services, o Subsidized vaccination services o Pasture and fodder conservation and demonstration on pasture management, o Market and market linkages and Aggregation</p> <ul style="list-style-type: none"> • Pasture development, • Goat improvement <p>Bee keeping Fruitfly equipment- traps and pheromone,</p>
Ward: Kitise Kithuki		

Priority 1 Water Harvesting for irrigation and domestic use	Priority 2: Environmental Conservation, restoration and management.	Priority 3. Agricultural crop and livestock development
<ul style="list-style-type: none"> • Construction of a Mega Earth Dam at Londokwe at the border of Kitise and Kithuki sub wards • River athi irrigation program 	<ul style="list-style-type: none"> • Afforestation in all learning institutions and along the Londokwe Mega Earth Dam • Capacity building of community members on tree nurseries establishment and management. • Gully Rehabilitation across the ward • Farm ponds and terraces in every household • 	<ul style="list-style-type: none"> • Provision of Improved Heifer breeds. □ Provision of AI services • Provision of Pasture seeds. • Provision of subsidized veterinary services. • Pasture development, • Goat improvement • Bee keeping • Poultry keeping • Pulses and grains • Aggregation and market linkages • Horticultural produce <p>Capacity building of livestock farmers on new technologies.</p>

Ward: Masongaleni		
Priority 1: Water harvesting and distribution for irrigation and domestic use	Priority 2: Agricultural crop and livestock development	Priority 3: Human-Wildlife-Conflict Management

<ul style="list-style-type: none"> ● Distribution of Kibwezi high yielding borehole to Masongaleni pipeline network ● Desilting earthdams of Athi-salama, Elongole, Mukulu, Kivani, Kataa, Syaathi, Kyuasini, Kiange, Majee B and Ngovani and install livestock/human drawing points ● Enhancement of water storage and harvesting from Muliluni rock catchment ● Construct new water catchments on Ititi hills ● Distribution of Mikuyuni borehole ● Desilting of swamps in Yi nguvu, Kulumbus, Kwa Muli, Kwa Mbithe, Kwa Philip and Kwa Kavemba ● water harvesting from roof catchments 	<ul style="list-style-type: none"> ● Adoption of conservation agriculture ● Use of climate suitable crop seeds –green grams, ● Use of improved livestock breeds ● Embracing kitchen gardens ● Terracing and use of micro-water harvesting for agriculture ● Promotion of beekeeping ● Adoption of early maturing crop varieties ● Capacity building through extension ● Embracing energy efficient cooking technologies ● Use of improved charcoal making technologies ● Tree planting and terracing of Muliluli, Ititi and Kalimakoi hills 	<ul style="list-style-type: none"> ● Capacity building on co-existence of humans and wildlife ● Procurement of antivenoms for snake bites ● Introduction of insurance schemes for compensation of victims of wildlife damage, injury and death ● Erection of electric fence to keep off elephants
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Ward: Mavindini

Priority 1	Priority 2	Priority 3
Water Harvesting for irrigation and domestic use		
	Agricultural livestock development	Environmental conservation and restoration

<ul style="list-style-type: none"> <input type="checkbox"/> Distribution of Athi Mavindini water project to farms and HH's <input type="checkbox"/> Construction of farm ponds <input type="checkbox"/> Promotion of roof catchment at household level <input type="checkbox"/> Desilting of Kalala earth dam and Kwa Ndeti earthdam. 	<ul style="list-style-type: none"> • Livestock aggregation and Vaccination in Mavindini, Kanthuni, Ivinga Nzia markets • Promotion of pasture growth and harvesting program i.e. mechanized harvesting <ul style="list-style-type: none"> • Provision of Improved Heifer breeds. • Provision of Pasture seeds. • Provision of subsidized veterinary services. • Goat improvement <ul style="list-style-type: none"> • Bee keeping • Poultry keeping • Pulses and grains • Aggregation and market linkages • Horticultural produce <p>Capacity building of livestock farmers on new technologies.</p> <ul style="list-style-type: none"> • 	<ul style="list-style-type: none"> • Protection of Kanyonga River and tree growing in Ivinga Nzia • Protection of Katumbua hill • Growing of trees at household level • sensitization on environmental management • Sustainable land management practices
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CHAPTER FIVE: CONCLUSION AND RECOMMENDATIONS

5.1 Conclusion

The Makueni County Participatory Climate Risk Assessment Report offers a thorough analysis of the climate change challenges faced by the county, providing valuable insights into the risks and vulnerabilities that need to be addressed.

The climate related hazard in Makueni County is majorly drought with several incidences of flash floods and strong winds. These hazards predispose the County to risks such as water scarcity, loss of biodiversity, low crop and livestock productivity exacerbating vulnerabilities among the local communities. The risks have been identified in a participatory manner which ensures that local voices and knowledge are incorporated into identifying community based strategic interventions and climate actions.

The identified climate risks are interconnected and therefore require a holistic and multi-sectoral approach for effective mitigation and adaptation measures. The involvement of different stakeholders will provide a platform for multi –sectoral development and implementation of climate actions and sustainable development for the county.

The County will use the findings in this report to develop the County Climate Change Action Plan which will guide implementation of climate actions in the county.

5.2 Recommendations

The Makueni County Participatory Climate Risk Assessment Report serves as a valuable resource for decision-makers, development partners, and stakeholders Makueni County, National level and International level through addressing the identified climate risks to enhance its resilience to climate change. The County Government will organize a stakeholder forum to sensitize on the report to enhance knowledge on the climate risks and foster partnerships for collaborative efforts towards strategic interventions.

The proposed strategic interventions outlined in the Participatory Climate Risk Assessment report will provide a basis for development of the County Climate Change Action Plan to which will provide the priority areas of intervention for the county for the next five years.

The County, Ward Climate risks reports and action plans will be integrated in the County Planning and Budgeting process through the CIDP and ADP to enhance climate change mainstreaming and ensure seamless implementation of climate actions in the County for sustainable and climate-resilient future for its communities

To enhance locally led climate actions it is recommended that the County will continuously review the PCRA report through a participatory process to enhance local and stakeholder engagement in the changing climate scenarios.

It is crucial for the County Government to mobilize financial resources and engage stakeholders; National government, county government, development partners, donors and community members in implementation of the report to support locally led climate change action through fostering partnerships and promoting knowledge sharing.

Furthermore, continuous monitoring and evaluation of the implemented actions will enable adaptive management and ensure the effectiveness of interventions.

ANNEXES

Hazard and Risk Analysis and Ranking

Table 14: Hazard and Risk Analysis and Ranking

Ward	Drought	Environmental Degradation	Crop Pest and Diseases	Livestock Parasites and Diseases	Human Diseases	Human-Wildlife Conflict	Poor Infrastructure	Water Scarcity	GBV	Food Insecurity and Nutrition	Pollution	Excess Sand Deposits	Others (Social Vices)
Wote/Nziu	1				2				3		4		
Muvau/Kikumini	1		2	3	4								
Nzakika	1	4	3					2					
Mbitini	1	4	2	2								3	
Kathonzweni	1	3	2	2		4							
Kitise/Kithuki	1	2	3	3	4								
Mavindini	1		2	3									
Mbooni	1	3	4	4	5			2					
Tulimani	1	4		3	2								
Kithungo/Kitundu	1	3	2	2									
Kisau/Kiteta	1		2	2	3								
Kako/Waia	1	2	4	3									
Kalawa	1	2	3	4									
Kilungu	1	3	4	4	5			2					
Ilima	1	2	4	4	5			3					
Kee	1	3	2										
Ukia	5	4	3				2	1					
Mukaa	1	2	3	3					4				
Kiimakiu/Kalanzoni	2	1	3										
Kasikeu	1	3	4				5	2					
Makindu	1		2	3									
Emali/Mulala	1	3	2				4						
Nguu/Masumba	1	2	3	3		4							

Nguumo	2	3	4	4	5			1					
Kikumbulyu South	1	2	4	4							3		
Kikumbulyu North	1	4	2	3									
Mtito Andei	1	2	3	3									
Masongaleni	3	4		5				1		2			
Ivingoni/Nzambani	2	4						1		3			
Thange	1	2	3	3				4					
	30	25	26	22	9	2	3	10	2	2	2	1	0

Mapping of Risks

Table 15: Spatial distribution of risks

Ward	Risk	Location	Risk	Location	Risk	Location	Risk	Location	Risk	Location	Risk	Location	Risk	Location	Risk	Location
Wote/Nzi u	Forest Fires	Nthangu Hill	Pollution	Wote Town	Pest & Diseases	Farm Lands										
Muvau/Kikumini	Forest Fires	Nzueni and Nzaui Hills	Floods	Nyunzu	Pest & Diseases											
Nzakika	Floods	Kwa Masa a, Kwa Moto	Famine	Nzaui Sub Ward	Pest & Diseases	All Ward	Forest Fires	Nzaui and Makuli Hill	Strong Wilds	All Ward	Pollution	Along Rivers				
Mbitini	Gulley s	Mutiswa, Ngesu	Forest Fires	Kalumbi	Soil Erosion	All Ward	Excess sand deposits	Lower Mbitini (Kwa Mbita, Mutya mbua, Ilengene, Barazani)	Encroachment of forests	Muambwani and Kyemundu						

Kathonzweni	Rock Falls	Mant hemb a	Floods	along Kikuu river, akathonzweni CTTI	strong winds	kwa kavisi										
Kitise/Kit huki	Floods	Kanz okea, Along Athi River	Water Borne Disease	Along Athi River	Human - Wildlife Conflict	Along Athi Rivr	Strong Winds	Maanza								
Mavindini	Blastin g	Thwa ke Dam	Human wildlife conflict	Along Athi River	Water pollution	Along Athi Rivr	iver									
Mbooni	Floods	Mutitu, Uthiuni, Kyuu	Water Pollution due to poor waste disposal	Kikima Town	Deforestation	Mbooni, Katende	Air Pollution	Kikima Town	Mud Slides	Matondoni, Nzeveni, Mutitu, Kyuu, Uthiuni, Syiluni	Forest Fires	Katende Hill	Gullies	Kwa Mbi su, Syiluni, Ndo lo, Kwa Mun guti, Ngéle, Kin		

														yee, Mut wii		
Tulimani	Forest Fires	Mulo oni, Kitoo	Open pits from mining	Kakim a, Wanza uni, Itetani, Kalaw ani	Land Slides	Kakim a, Wanz auni, Itetani , Kalaw ani										
Kithungo/ Kitundu	Floods	Low Lands along rivers	Land slides	Kilami tho, Kalaku ni, Ivonge	Gulley s	Kathe mboni , Kilyav ati, Muva a	Human - Wildlif e Confli cts (Monk eys menac e)	Kithun go, Kitund u, Ngai,	Forest Fires	Katen de, Ngom angoni						
Kisau/Kite ta	Forest Fires	Katen de	Polltio n of Water Source s	Kize, Kantha le, Ngoni, Ngwan i, Tawa,	Human - Wildlif e Conflic ts (Monk eys	Katen de										

				Mwaa ni	menac e)											
Kako/Wai a	Huma n- Wildlif e Confli cts	Along Athi River	Land slides	Mwaa ni	Water Borne Diseas es	Along Athi Rivr										
Kalawa	Polluti on	Along River Athi	Water Borne Diseas e	Along River Athi	Human wildlif e conflic t	Along River Athi	Emergi ng Diseas es	Kyotuv ali								
Kilungu	Open Pits from Minin g	Ithem boni, Mitini	Land/ Mud Slides	Nduu	Gulley s	Nthun guni, Kwa Malasi , Nungu ni Primar y	Flash Floods	Nduu, Ndiani, Kyuma ni								
Ilima	Gulley s	Kyak atuli, Kwa Kithu ku, Kwa	Land/ Mud Slides	Mitini, Matwi ku	Flash Floods	Wautu , Ndolo										

		Kyali ka														
Kee	Open Pits from Minin g	Ikalyo ni, Kwa Kivin da, Kwa Kima nyi, Kwa Math avu, Kola Police , Ndum ani, Mata ngi	Flash Floods	Kaiti- Watem a Junctio n	Gulley s	Ikalyo ni, Kwa Kivin da										
Ukia	Mud Slides	Yiuan i	Flash Floods	Muing a, Kaiti and Kiloi Rivers	Forest Fires	Katen de, Makul i	Gulley s	Kinyon go, Kwa Kingoo , Mutam bukoni, Nthang athi, Kitutu	Pest and Diseas es	All Ward	Hu man Dise ases	All War ds	Su n Bur ns	All War d	Wat er Poll utio n	Kaiti River , Kam unyii , Kilo, Muin ga

Mukaa	Soil Erosion	Kitain go	Human wildlife conflict	Kitain go	Deforestation	Kenze										
Kiimakui/Kalanzoni	Deforestation	Kwemaa, Marwa Hill, Mulumini	Gulleys	Kwemaa, Kiu, Katilini, Mavisye, Kwakaveki, Petrol City	Mud Slides	Marwa Hill	Floods	Kima River	Human - Wildlife Conflict	Malili, Kiiimakiu Hill, Kapiti						
Kasikeu	Water Shortage	All Wards	Flash Floods	Mikuyuni and Muangini Rivers, Sultan Town												
Makindu	Floods	Kikuu River	Human wildlife conflict	Kiboko B&C	Open Pits	Along Msa-Nrb Roads (Ikoyo)	Bush Fires	KALRO	Prostitution	Makindu Town	Oil Spills	Kiboko				

Emali/Mulala	Open/Borrow Pits	Along SGR Corridor	Floods	Emali Town												
Nguu/Masumba	Flash Floods	Muoni, Kikuu	Soil Pollution	Ithumba, Kikumini	Human - Wildlife Conflict											
Nguumo	Deforestation	Mbui nzau Hill	Soil Erosion	Mbui nzau Hill												
Kikumbulu South	Pollution	Kibwezi River,	Deforestation	Mbui nzau Hill	Encroachment	Mbui nzau Hill										
Kikumbulu North	Human-Wildlife Conflicts	Along River Athi	Pollution-Asbestos Disposal	Kingutheni												
Mtito Andei	Oil Spills	Kambu	Floods	Along River Athi	Human wildlife conflict	All Ward										

Masongaleni	Floods	Subati, Along Athi River	Human wildlife conflict	All Ward												
Ivingoni/Nzambani	Human wildlife conflict	Along Kyulu Area	Encroachment of Hills	Kyulu Hill	Drying of Water Sources	All Ward	High Temperatures	All Ward								
Thange	Oil Spills	Thange River	Human wildlife conflict	All Ward	Soil Erosion	Along Thange River	Soil Fertility	All Ward	Drying of Water Sources	Thange River						

Stakeholders Multi-Stakeholder Engagements Inputs & Pictorials

Activity: PCRA/CCCAP Multistakeholder Engagement

Venue: ACACIA RESORT

Date: 29th – 30th May 30, 2023

GROUP 1: WATER SCARCITY



Figure 23: Multi stakeholder discussion on Water Scarcity issues

Risks and Threats

Table 16: Climate and Non Climate risks and Impacts

Climate Risks	Non Climate Risks	Direct Impacts	Non Direct Impacts
Crop failure	School dropouts/Child labour	<ul style="list-style-type: none">• Hunger• Loss of livelihoods	<input type="checkbox"/> Death

Drought	GBV	<ul style="list-style-type: none"> • Water scarcity • Food shortage • Livestock death • Loss of biodiversity • Degradation • Rural Urban migration □ • Loss of livelihoods. • Loss of property 	<ul style="list-style-type: none"> • Increased insecurity • Inflation • Family breakage • Mental problems • Illnesses and diseases
Pasture reduction	Corruption	<ul style="list-style-type: none"> • Livestock death • Reduced prices of livestock • Low yield • HWC 	<ul style="list-style-type: none"> • Behaviors change • Decreased stock
Human Wildlife conflict	Exploitation	<ul style="list-style-type: none"> • Overgrazing • Loss of life • Loss of human life • Injuries • Infrastructure and property damage • Death of wildlife 	<ul style="list-style-type: none"> • Insecurity • Pollution • Increased zoonotic diseases outbreak • Extinction of some wildlife
Human to human conflict	Malnutrition	<ul style="list-style-type: none"> • Insecurity • Loss of infrastructure • Poor human relations 	<ul style="list-style-type: none"> • Increased insecurity • Increased under development
Encroachment of reparation lands	Rural Urban Migration	<ul style="list-style-type: none"> • Drying of water sources • Pollution • Loss of biodiversity • Low food production • Increased deforestation • Reduced water quality and quantity 	<ul style="list-style-type: none"> • Human Conflicts • Human Wildlife conflict • Insecurity
Deforestation/ Soil degradation	Increased family breakups Increased insecurity	<ul style="list-style-type: none"> • Increased soil erosion • Gully formation • Low production • Habitat loss • Drying up of water catchment 	<ul style="list-style-type: none"> • Reduced land value • Pollution • Increased temperature leading to global warming. • Changing weather patterns

Pollution	Reduction in value of money Loss of jobs Reduction in income Drug and Substance abuse	<input type="checkbox"/> Increased respiratory diseases both animal and human <input type="checkbox"/> Loss of ecosystem and biodiversity	<input type="checkbox"/> Death of human and Animals
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Vulnerable Groups

- Women
- Children
- Elderly
- PWDs
- Terminally ill
- The poor
- Farmers
- Youth

The theory of change

Water remains a critical resource in Makueni County. With well protected catchment areas, well managed water sources, good water harvesting infrastructures with effective governance the issue of water scarcity will be a story of the past. Adequate access and availability of water will in turn lead to improved health, sustainable food security, improved and alternative sources of livelihood, reduced poverty, biodiversity restoration, recharged wetlands, better education, improved hygiene and sanitation hence attainment of sustainable development goal (SDG) no 6 Access to clean water & sanitation for all and realization of the Governor's agenda on water provision.

GROUP 2: ENVIRONMENTAL DEGRADATION



Figure 24: Multistakeholder discussion on Environmental Risks

Climatic Hazards and Risks

S/NO	CLIMATIC HAZARDS/RISKS
1.	Prolonged drought

2.	Pollution
3.	Degraded lands
4.	Urbanization etc. Kibwezi
5.	Charcoal burning
6.	Encroachment of water catchment and protected areas
7.	Wild fires
8.	Deforestation
9.	Overgrazing
10.	Soil degradation
11.	Human wildlife conflicts etc Tsavo
12.	Strong winds
13.	Flash floods
14.	Infrastructure development
15.	Solid and liquid waste management
16.	Pests
17.	Land fragmentation
18.	Invasive plant species
19.	Agrochemical use
20.	Inadequate enforcement of environmental laws and policies
21.	Inadequate sensitization on policies
22.	Corruption
23.	Lack of resources

Group 3: AGRICULTURE SECTOR



Figure 25: Multistakeholder discussion on agricultural risks

Table 17: Agriculture stakeholder inputs

– Climate hazards	Non- climatic hazards	Direct impacts	Indirect impacts	Vulner- able groups	Current adaptation strategies	How sustain- able are they	New adaptation strategies in case it prolongs	Priority interventi- ons

1. Erratic rainfall	- Uncertified seeds	-Poor farm management techniques	- Malnutrition -High cost of living - School dropouts	-PWDs - Elderly -Youth - Children - Terminally ill - Women /children headed households - Women	• Agroecology • Conservation agriculture/ripping • Drip irrigation • Agroforestry • Mulching (cover crops) • Minimum tillage • Rain water harvesting (zai pits, terracing) • Regenerative agriculture • Adoption of resilience crops i.e., hybrid crops, early maturity • Pasture management and establishment i.e., Masai grass love grass	High High High High High	• Diversification of agriculture • Leverage on technology (hydroponics, green houses) • Diversify water harvesting and recycling • Enhance research and innovation • Enhance public-private partnership and other development partners • Identify gaps in existing legal frameworks and enhance implementation • Address corruption	• Adoption of conservation agriculture technology • Water harvesting (surface run off water, rock catchment, earth dams, roof water) • Value addition on agricultural value chains and pasture • Rangeland management • Diversification of agriculture (aquaculture fisheries, apiculture beekeeping)
2. Live stock and crop and pest diseases	-Flooded markets	- Crop failure - Low yields - Livestock predation	- GBV -Resource conflicts(water) - Transmission of pests - Collapse of dairy cooperatives -Loss of fodders			High High Medium Medium		
3. Soil erosion	- urbanization	-				High		
4. Human wildlife conflicts	- Invasive species	- Competition of food - Crop destruction - Retarded growth - Destruction of farm fractured - Competition for pasture				High High		
5. Flash floods						High		
6. Strong winds								

Theory of Change

GOAL: FOOD SECURITY AND SOCIO-ECONOMIC EMPOWERMENT



- Adopting of conservation agriculture
 - Water harvesting
- Value addition of agriculture and pasture value chain
 - Rangeland management
 - Diversification agriculture



Impacts

- Increased income at household level
- Improved livelihoods
- Increased agricultural productivity
- Decreased of malnutrition
- Increased water coverage



Output

Increased agricultural productivity, enhanced livelihoods and reduced poverty at household level

GROUP 4: HUMAN DISEASES



Figure 26: Multistakeholder discussion on Health issues

Table 18: Multistakeholder Inputs on health issues

Climate hazards	Direct impacts	Indirect impacts	Vulnerable groups	Current adaptation strategies	How sustainable are they	New adaptation strategies	Priority interventions

Human diseases (malaria, cholera, cancer)	Overcrowded hospitals Medication shortages Death of patients Ill health	Poverty and suffering Overburdened High cost of living Under development	Elderly Lactating mothers People living with chronic diseases Children especially below 5	<ul style="list-style-type: none"> • Prepositioning medical supplies in all health facilities • Preventive and control measures prior • Relief food for the vulnerable 	High High High- because they are not affecting big population	<ul style="list-style-type: none"> • Researching on drugs that can prevent the upsurge of the diseases • Provision of community health education • Provision of more health personnel's • Proper budgeting • Upscaling health insurance 	2 1 3
Drought	Malnutrition Water scarcity leading to consumption of contaminated water Lifestyle diseases	Stunted growth of children High mortality rates underweight babies	Children under 5 Pregnant and lactating women	<ul style="list-style-type: none"> • Provision of nutrition supplements • Awareness creation on health diets • Setting kitchen gardens 	High High Medium	Food preservation and storage Water harvesting programs and safe storage	6 4
				<ul style="list-style-type: none"> • Water tracking • Water treatment 			

Pollution	<ul style="list-style-type: none"> • Disease out breaks • Poor health • Death • Increase in disease causing micro organisms 	Poor economic productivity High cost of living Contaminated water sources	Women Elderly Lactating mothers People living with chronic diseases Terminally ill Children especially below	Treatment of water sources Sensitization Provision of drugs to prevent the disease	Highly sustainable Medium Low	<ul style="list-style-type: none"> • Proper disposal of waste • Clearing of environments that are conducive for diseases causing parasites 	5
Environmental degradation	<ul style="list-style-type: none"> • Malnutrition • Air pollution • Temperature rise 	Ill health		Restoring the environments through tree growing Clean ups to remove hazardous substances	High Medium	<input type="checkbox"/> Hygienic sensitization	

Non- climatic hazards

- Drug abuse
- Crime
- GBV
- Lifestyle diseases- obesity
- School dropouts

Priority intervention strategy- Provision of community health education THEORY OF CHANGE

1. **Provision of community health education-** helps the community to understand their own health issues, responsible living, and keeping diseases such as obesity at bay and therefore it will help in curbing lifestyle diseases and diseases emanating from malnutrition and improper dieting. Community based rehabilitations for PWDs and also diabetics. Educates traditional birth attendants in handling the expectant mothers and offering first aid to them before handing over to hospitals.
2. **Researching on drugs that can prevent the upsurge of the diseases-** helps researchers identify emerging diseases to produce drugs that curbs the upsurge of emanating diseases, for example, albinism lotions
3. **Proper budgeting-** helps health facilities to receive adequate funds to be able to purchase all the required medical requirements which improves on health status
4. **Water harvesting programs and safe storage-** will help in reducing water scarcity leading to contaminated water causing ill health and also malnutrition emanating from drought and environmental degradation, therefore, persons will be able to have safe drinking water and also enough water for kitchen gardens.

5. **Proper disposal of waste-** will help in reducing disease outbreaks resulting from pollution in which it is a curbing mechanism.
6. **Food preservation and storage-**will help deal with malnutrition and ill health in which they are a resultant of degraded environments and drought thus the two will be partially curbed.

A HEALTHY COMMUNITY IS A WEALTHY COMMUNITY

PCRA Community Engagement – Pictorials



Stakeholder and multi-stakeholder engagement.



Figure 2 ECM Gender Addressing Community stakeholders during PCRA Process at Wote Green Park Multipurpose hall.



Figure 3 PCRA Process



Figure 4 Group Discussions during PCRA Process.____*Figure 5 Group Photo during PCRA Process for Makindu, Nguu Masumba and Emali Mulala wards at Hunters Lodge.*



Figure 6 Chief Officer in charge of Environment, Natural Resources, mining and Climate Change addressing PCRA

Community stakeholders at Wote Green Park Multi-Purpose hall

Technical Working Sessions – Pictorials



Attendance Lists for all Engagements

Community - KALAWA.

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MBEONI
- Ward KALAWA
- Date 09-05-2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	6	3	13	1	—
Female	4	14	0	18	0	—
Total	8	20	3	31	1	—

S/N	Name	ID	Mobile number	Gender	Age	People living with disability	Minority	signature
1	Faith N Agui	89539985	0742935620	Male				
2	Miriam M Ntundu	30939798	0706381739	✓	35			
3	JANE M. Kinyoto	26964456	0742069112	✓	34			
4	Petronika Sila	21395599	0798413397	✓	36			
5	HELEN M NZOKI	10359429	0799770888	✓	40			
6	PATRICK M. MULANITHI	6271256	0723211062	✓	56			
7	BONIFACE M MUA	4893832	0721264471	✓	62			
8	DAVID M. NZUCI	11812056	0718114884	✓	62			
9	PATRICK M. KATIKU	5760270	0710216731	✓	50			
10	THOMAS M MUTHIKA	12408098	0741847412	✓	62	✓		
11	PATRICIA M. KISAVI	13678049	0741531107	✓	55			
12	KEVIN KALOKI KIAMBA	26873873	0725249128	✓	49			
13	ADELINA KAMENGE MAKULI	9344501	0719783206	✓	38			
14	NICOEL NDOKE MUSA	29115163	0703217303	✓	55			
15	DAMARIS MUNDI MUIA	21131772	0795510442	✓	31			
16	DANSON MUMBO	37691451	0793709261	✓	46			
17	FREEDRICK MUYAO	26964714	0708712891	✓	25			
18	JOSEPH KISANGAY PETER	34130968	0740861645	✓	32			
19	FRANCISCA NDENU NDUNGA	25022707	0725665143	✓	21			
20	MARGRITA M. NUNTHO	33210357	0712180804	✓	40			
21	STELLAMARIS M. MZOKU	28716284	0708105156	✓	27			
22	MARGRITH W. MTHAKU	30820453	0769633974	✓	40			
23	BENEDICT M. MUKUSA	11732693	6729156163	✓	33			
24	ROSEANNAH K. MUI	275437145	0795007955	✓	49			
25	JACQUELINE M. KUPANIS	21208646	0716006293	✓	25			
26	PATRICIA K. MAKUMBU	22068156	0721934669	✓	40			
27	JONATHAN M. MUMYAO	21207254	07117232922	✓	40			
28	VERONICA NZUE	3763134	0792972277	✓	43			
29	ANNE M. MUTHIKA	12573935	0712252601	✓	24			
30	REINHARD M. KILATYA	22728916	0727144203	✓	55			
31	KIND-REED M. KHAMBUA	29306907	0757861916	✓	41			

32 Years

REPUBLIC OF KENYA



Community - KALALA

GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUE NI
- Sub County MBOONI
- Ward KALALA
- Date 10/05/2023

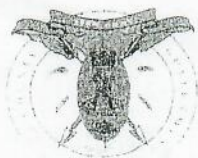
SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	8 = 7	2	14 + 1 = 15	1	0
Female	6	9	0	15	0	0
Total	11	16	2	30		0

S/N	Name	Mobile number	Gender	Age	People living with disability	Minority	Signature
1	JACQUELINE M. KATHUNA	01208646	Male	40			
2	PATRICK M. MWAHISHA	02271256	Female	62			
3	FAITH N. NGULI	09539985		35			
4	THOMAS N. MUTHIKA	07408048		55	✓		
5	DONATHAN W. MURRAYO	0117232922	✓	43	N/A		
6	ROSEANNAH K. MULI	0795007955	✓	25	N/A		
7	BENEDICT M. MUKUSA	0729156163	✓	49			
8	JOSEPH K. PETER	0740861645	✓	21			
9	PATRICIA K. SALOMON	0727934669	✓	40			
10	JANE M. KINYOTO	0742069112	✓	36			
11	STELLA M. NZOGA	0708105156	✓	40			
12	PETER M. NZIOKE	0113769703	✓	52			
13	JANE W. MUKASA	0769633974	✓	33			
14	ABELINA K. MUKALI	0719783206	✓	55			
15	PATRICK M. KATUKU	0710216731	✓	62			
16	HELEN M. NZIOKE	0799770888	✓	58			
17	DANSON NUNO	0793709261	✓	25			
18	ROSEMARY M. KILATYA	0727144203	✓	42			
19	KAREN K. KIMOTO	0725249128	✓	58			
20	PETER M. SIRA	0798413397	✓	42			
21	MURIELA N. NUNYISO	0712180804	✓	27			
22	ROSEMARY M. NUNYISO	0721264471	✓	62			
23	MURIELA M. NUNYISO	0757861910	✓	32			
24	DANSON M. MURRAYO	0795510442	✓	46			
25	ROSEMARY M. MURRAYO	0708712891	✓	32			
26	PATRICIA M. KUSAVI	07441531107	✓	49			
27	MURIELA M. NUNYISO	0706381739	✓	34			
28	ROSEMARY M. NUNYISO	0725065143	✓	40			
29	VERONICA NZUE	07153134	✓	29			
30	ROSEMARY M. NUNYISO	0712252601	✓	29			

3. MUKUSA M. KATHUNA 09506907

0757861910 F. 52 years



DEPARTMENT OF LANDS, URBAN PLANNING & DEVELOPMENT, ENVIRONMENT &
CLIMATE CHANGE
OFFICE OF THE CHIEF OFFICER ENVIRONMENT & CLIMATE CHANGE
P.O BOX 78 – 90300, MAKUENI
Email: go.environment@makueni.go.ke
www: makueni.go.ke

Date: 11th July, 2023

REF: GAC/LUD/DECC/COCC/HR/VOL.1/40

TO:

Ajelicah M. Malwa

P NO. 20190448477

Climate Change Liaison Officer

RE: NEW RESPONSIBILITIES

Pursuant to section 45(4) and 86(1)(2) of the County Government Act 2012, the Makueni County Human Resource Policies and Procedures Manual for Public Service, 2017 and Circular 01 of 2022 on decentralization of services.

You have been assigned new responsibilities as a Sub County Environment Officer as per transfer letter Ref: GAC/LUD/DECC/COCC/HR/VOL.1/34 dated 11th July, 2023.



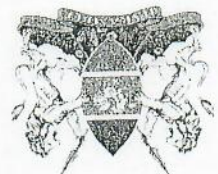
Japheth M. Kiminza

Chief Officer

Environment, Natural Resources, Mining and Climate Change

Copy to:

1. CECM- Lands, Urban Planning and Development, Environment and Climate Change
2. Director – Human Resource
3. Asst. Director Environment



REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KILONUE
- Ward KASIKU
- Date 11/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	3	4	14	1	—
Female	4	6	6	16	0	—
Total	9	11	6	26	1	—

	Name	Mobile number	Gender		Age	People living with disability	Minority	Signature
1	Raphael Mude-dus	1111926	Male		46			
2	ZUCAT N. MISA	2166823		✓	45			
3	GABRIEL NGANYO	13038884	✓		42			
4	JOSEPH NDOMBUCI	13312642	✓		49			
5	DOUGLAS STEPHEN	214010830		✓				
6	Philomena Kilonzo	28612298		✓	32yrs			
7	Festus K. Mulyeki	31588486	✓		28	✓		
8	JULIUS MATHUMBI	6262437	✓		62			
9	FRANCOIS NDOMBURI	11258461		✓	63			
10	JOY H MUTUG	26478139		✓	37			
11	JOSEPHINE N. MUTUNGA	20527201		✓	38 39			
12	JAMES W. MICHAEL	21394890	✓		41			
13	LAURENCE M. MULETI	30990779		✓	33			
14	REGINA N KAVITHA	2623563		✓	58			
15	ESTHER Mbiru	6051793		✓	61			
16	MARTIN M MAILU	7709398	✓		61			
17	CHARITY M NDIRO	84389224		✓	37			
18	EDELEGIUM NDOLO	10890587		✓	51			
19	GEORGE M NDAU	7053618	✓		78yrs			
20	SERAH N MUTINDA	31277402		✓	72yrs			
21	SAMUEL KATHYAKA	7261601	✓		45yrs			
22	DAVID T. MWAH	2395965	✓		33yrs			
23	SIMON M. MUSA	18724448	✓					
24	GILSON Mbilali IZUZI	25857141	✓					
25	MILAN Sponburg	41560132		✓	20yrs			
26	PETER KATZUA	30220317	✓		30yrs			
27	ELIAS MUSA	23539451	✓		39			
28	UNITER KISU	33371363		✓	26yrs			
29	BORICE KIONZO	38476620	✓		22yrs			
30	FRED MUTUA	33352887	✓		29yrs			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KILOME
- Ward KATILEV
- Date 12/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	6	3	14	1	—
Female	4	7	5	16	—	—
Total	9	13	8	30	1	—

S/No	Name	Mobile number	Gender	Age	People living with disability	Minority	Signature
1	JOSEPHINE N. MUKUNGI	20527201	Male	39			<i>(Signature)</i>
2	Rephael Mwakafu	1111926	✓	40 44			<i>(Signature)</i>
3	Regina N Kavita	2623563		58			<i>(Signature)</i>
4	ESILVER Simon	6651793		61			<i>(Signature)</i>
5	Philomenah Kilenzid	28612298		33			<i>(Signature)</i>
6	Simone M. Muliwa	287210048	✓	33			<i>(Signature)</i>
7	Daniel J. Mwaru	23959615	✓	45			<i>(Signature)</i>
8	Festus K. Mulyoki	31582486	✓	28	✓		<i>(Signature)</i>
9	ELIAS M. MUSA	23539451	✓	39			<i>(Signature)</i>
10	Julius M. Mura	23146477	✓	37			<i>(Signature)</i>
11	Samuel M. Katuralla	7261601	✓	72			<i>(Signature)</i>
12	UNITER KISU	33371363		26			<i>(Signature)</i>
13	Julius Mutungu	6262437	✓	62			<i>(Signature)</i>
14	FRED MUTUA	33352847	✓	29			<i>(Signature)</i>
15	GABRIEL Ngonyo	23038824	✓	42			<i>(Signature)</i>
16	ZUCHA N. MUSA	21668123		45			<i>(Signature)</i>
17	FRANCIS MUKUNGI	31990779	✓	33			<i>(Signature)</i>
18	FRANCIS MUKUNGI	80220317	✓	80			<i>(Signature)</i>
19	Francis Mwakafu	12584661	✓	63			<i>(Signature)</i>
20	Edelgund Ndalo	10890587	✓	51			<i>(Signature)</i>
21	JOSEPH MUKUNGI	13313642	✓	49			<i>(Signature)</i>
22	JOSEPH M. NDAVI	703618	✓	74			<i>(Signature)</i>
23	James M. MUKHARRE	21394896	✓	41			<i>(Signature)</i>
24	Rev. DOUGLAS STEPHEN	24010830	✓	38			<i>(Signature)</i>
25	JOY H. MUTUA	26478139	✓	37			<i>(Signature)</i>
26	Serafin N Muthola	31277402	✓	75			<i>(Signature)</i>
27	Martin M. Muliwa	7709398	✓	61			<i>(Signature)</i>
28	Millan Syombwa	41560132	✓	19			<i>(Signature)</i>
29	Boniface Kilomo	32976620	✓	22			<i>(Signature)</i>
30	Clarity Ndulo	24379274	✓	37			<i>(Signature)</i>

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MAKUENI
- Ward KATHUNZINI
- Date 12/08/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	2	9	1	12	1	-
Female	3	13	2	18	-	-
Total	5	22	3	30	1	-

Name		Mobile number		Gender		Age	People living with disability	Minority	Signature
1	Beth N Muketi	96397209	0715292609	Male					
2	ANDARIKE M. NGANGI	13678644	6723532189		✓	52			
3	DANIEL K. MWENJA	90518830	070494298		✓	43			
4	JEDDAH MUSEMBI	13266351	017080580	✓		47	✓		
5	ANGELINA W. KATETO	12570292	0715437109		✓	49			
6	ANGELICA N. MUTHIGI	85200205	0768785030		✓	48			
7	Gregory Leke Muthiga	12702238	0727131362		✓	36			
8	JOSEPH M. MUTHIGA	9848471	0708233902	✓		51	✓		
9	PLIM M. KATHU	3004912	0711996539	✓		52			
10	Evans K. Muthiga	0768871	0701900322	✓		63			
11	Benon N. Muthiga	24759209	0721230045	✓		37			
12	CATHERINE N. MBILI	12583179	0721286844		✓	40			
13	LUCY NDIRA MUCIRO	3202408	0708822647		✓	49			
14	JOSEPHINE M. KITUA	5763654	0729297978		✓	40			
15	GREGORY N. MALU	9638297	0717664630	✓		67			
16	ANNA K. KIMULI	12571322	0718704715		✓	56			
17	Sera N. KIRO	1326637	0702234267		✓	48			
18	BENJAMINE KIRO	3080902	0115213612		✓	52			
19	Margret K. NGELU	9635388	0701802758	✓					
20	PHILIPIN M. NZUVE	31690354	0703610629		✓	58			
21	JULIUS M. SANGU	13266513	0725967822		✓	28			
22	BONIFACE K. MAKU	7809489	0714573612	✓		48			
23	JOSEPHINE DAVID	21209738	0708505945	✓		56			
24	STELLA S. MOLA	14524137	0721681708		✓	44			
25	Rev. Julius Njau	30674648	0703949481		✓	40			
26	Emmanuel W. NULEI	37999253	0794061584	✓		35			
27	JOSEPH M. MUTEKI	11676320	0726094831	✓		23			
28	PURITY M. NZIOKI	27905020	0769927523	✓		51			
29	KENNEDY K. KISINGA	39443903	077765636	✓		32			
30	CHRISTINE MUMUKI	11623311	6728108136	✓		21			

Community members.

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY





FCRA Consultative Meeting Form

- County Makueni
- Sub County Makueni
- Ward KATIMAKWENI
- Date 11/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	2	10	1	13	2	1
Female	2	14	1	17	1	1
Total	4	24	2	30	3	2

Name		Mobile number		Gender		Age	People living with disability	Minority	signature
1	GREGORY MUMUNGI MALU	9638897	0717664630	Male					
2	SEPH NUSA KIKO	1326357	0702234367	✓	Female	56			<i>[Signature]</i>
3	LUCY NAINDA MUENDO	3202408	0708822647	✓		52			<i>[Signature]</i>
4	BONNENDE KIKO	3080902	0115213652	✓		40			<i>[Signature]</i>
5	Margret K. Ngelu	9635388	0701802788	✓		30			<i>[Signature]</i>
6	JOSEPHINE M. KIRICA	5763654	0729297978	✓		50			<i>[Signature]</i>
7	Evans K. Mutinda	3446587	0721904332	✓		67			<i>[Signature]</i>
8	Benson K. Mufemba	24359209	0721230045	✓		37			<i>[Signature]</i>
9	CATHERINE N. MBILI	12583179	0721286844	✓		49			<i>[Signature]</i>
10	JULIUS M. Sanyu	13266613	0725961952	✓		49			<i>[Signature]</i>
11	ANNA K. KIRIBILI	12571322	0718704725	✓		48			<i>[Signature]</i>
12	JOSEPH M. MUMUNGI	9848471	0729823922	✓		48			<i>[Signature]</i>
13	Jadida M. Musembi	13266351	0712080580	✓		52			<i>[Signature]</i>
14	Daniel Mwendu	20518830	0727049298	✓		47			<i>[Signature]</i>
15	Gregory Leki Mbilili	12722238	0727131362	✓		51	✓		<i>[Signature]</i>
16	Bekah N. Muteti	96392207	0715272609	✓		52			<i>[Signature]</i>
17	Benson M. Muturi	24834358	0717507662	✓		36			<i>[Signature]</i>
18	Annastacia M. Muthiani	25200205	0768786030	✓		48			<i>[Signature]</i>
19	ANGELINA M. KATITO	12570202	07157437109	✓		48			<i>[Signature]</i>
20	Annastacia M. Nganyu	13266614	0723532189	✓		43			<i>[Signature]</i>
21	PHILIP M. KATITO	3006912	0711996539	✓		63			<i>[Signature]</i>
22	Emmanuel Mwangi Njiru	37499203	0794061584	✓		23			<i>[Signature]</i>
23	MILLICENT Muthu	21585318	0703332014	✓		50			<i>[Signature]</i>
24	JOSEPHINE DAVID	21209738	0708505945	✓		44			<i>[Signature]</i>
25	CHRISTINE N. MUMUNGI	11623511	07228108136	✓		48			<i>[Signature]</i>
26	PURITA N. NZIOKI	27905020	0769927523	✓		32			<i>[Signature]</i>
27	Stallgmaries S. Muli	14524637	0721681708	✓		40			<i>[Signature]</i>
28	JOSEPH M. MUTETI	11676320	0726094831	✓		51			<i>[Signature]</i>
29	BENEFACE K. MAKAU	7809489	0714573612	✓		21			<i>[Signature]</i>
30	KENNEDY K. KISINJA	39443903	0797765630	✓					<i>[Signature]</i>

Name	Mobile number	Gender	Age	People living with disability	Minority	Signature
1 Rev Tikhon Kaban	80574648	Male ✓	35			
2 Mr. Iram Killa	23209945		40			
3	070493489	Female ✓				
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REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUEENI
- Sub County KATITI
- Ward KEE
- Date 09-05-2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	2	8	9	19	2	1
Female	5	6	0	11	1	1
Total	7	14	9	30	3	2

S/No	Name	ID	Mobile number	Gender	Age	People living with disability	Minority	signature
1	Monica Sita	25887054	0718305248	Male	35			
2	REDETHA M. MATHE	2655507	0729966814	Female	34			
3	Peninah M. MATHIE	27343342	0712427726	Female	33			
4	Donnic Mwangangi	12446313	0719686121	Female	50			
5	STACEY K. MLOREZO	6277590	07223370509	Female	60			
6	Peter Mwangi	11269946	0718484739	Male	51			
7	Kelvin Kgale	34766371	0114044310	Male	30			
8	Frederick M. Kimuyu	23591421	0726944095	Male	40			
9	Lilian M. Mumbere	234405533	0723120276	Female	41			
10	Pete Mungu	10891947	0713333776	Male	50			
11	Thomas Utaia	1006127	0712682396	Male	65			
12	Josua Mufungu	34308138	0759260365	Male	27			
13	Daniel M. Muvu	6633718	0702103904	Male	79			
14	Jacob M. Muntingwa	3364101	0713603920	Male	62			
15	Washington Kibisi	5716813	0722438352	Male	63			
16	Amos M. Mulu	12588114	0716562784	Male	58			
17	Mawene M. Mavai	23690072	0712180940	Male	37			
18	Paulity M. Patrick	26093157	0711851854	Male	34			
19	RDSINA NDINDA HENRI	21716959	0711564094	Male	40			
20	KNOI WIMBURY	21827793	0722961128	Male	43			
21	NICHTOLAS MASUJE	12588515	0712709675	Male	39			
22	STEPHEN K. Kamwalo	0534080	0720550016	Male	66			
23	JAMES K. KIKUWI	0271042	0701676635	Male	65			
24	STACEY Mbulu	2980434	0741672629	Male	62			
25	JOHN KIMWATI	1011298	0716325237	Male	66			
26	FELISTUS VAVU	25146164	0711224528	Male	38			
27	FRANCIS M. KONYAA	13689817	072608317	Male	48			
28	AGNES NIND	27632006	0727632006	Female	37			
29	ANN Mwangi	27003206	0700275272	Female	31			
30	Edna Putoyo	1607896	0706078996	Female	24			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KAITI
- Ward KEE
- Date 10-05-2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	2	9	9	20	1	—
Female	3	6	1	10	1	—
Total	5	15	10	30	2	—

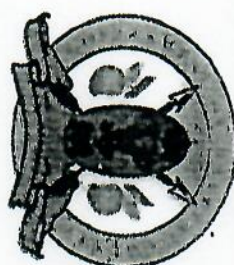
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S/N	Name	ID	Mobile number	Gender	Age	People living with disability	Minority	signature
1	LILIAN N. MUKUNIE	23465533	0783120216	Male	61			
2	FRICKSON M. KIMUYU	23541421	0726944095	✓	40			
3	JAMES K. KIKURU	0271042	0701676685	✓	65			
4	PATRICK M. MBULU	37804340	07416726029	✓	62			
5	STANLEY W. KILIMOZO	62777570	0723370509	✓	60			
6	THOMAS N. MBATA	1006127	0712682386	✓	65			
7	FELISTUS VAVU	25146164	0711224528	✓	38			
8	REDERMAN MASILA	26555007	0729966814	✓	34			
9	NICHOLAS MASUE	12588515	0712709675	✓	49	✓		
10	DAVID M. MUKU	6033718	0702103907	✓	49			
11	WILLIAM M. KIBIKI	5716813	0722438352	✓	79			
12	PETER M. MUKUNIE	11269446	0718404739	✓	51			
13	ROSINA MBIMBA	21716959	0711564094	✓	40			
14	DOMINIC MUKUNIE	12446313	0719686121	✓	50			
15	JOHN KIMUNIE	1011298	0716375237	✓	66			
16	JOSHUA M. MUKUNIE	34308138	0759260365	✓	27			
17	MOMES SILE	25857054	07857018305248	✓	35			
18	LEWIS M. MUKUNIE	21822993	0722961121	✓	43			
19	FRANK N. MUKUNIE	26093157	0711851854	✓	34			
20	STANLEY M. MUKUNIE	21343342	0712487726	✓	33	✓		
21	JACOB M. MUKUNIE	0534080	0720556016	✓	66			
22	ALVIN K. MUKUNIE	3364101	0713603920	✓	62			
23	ABRAHAM K. MUKUNIE	34766371	0714944310	✓	30			
24	MAUREN N. MUKUNIE	12588114	071652784	✓	58			
25	GRACE N. MUKUNIE	23690072	0712180942	✓	37			
26	PETER M. MUKUNIE	13689817	0785608817	✓	48			
27	FRANK M. MUKUNIE	10891747	0713-333276	✓	50			
28	ANN K. MUKUNIE	21043821	0713-333276	✓	50			
29	AGNES N. MUKUNIE	27632026	0713-333276	✓	31			
30	AGNES N. MUKUNIE	27632026	0713-333276	✓	37			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUEENI
- Sub County KILENJE
- Ward KUMAKIU/KALANZARA
- Date 24/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	3	16	0	19	—	—
Female	3	4	4	11	—	—
Total	6	20	4	30	—	—

S/No	Name	Mobile number	Gender	Age	People living with disability	Minority	signature
1	ANUEL MURISO NITHOME	21441281	Male	43			
2	KLAENNA CHARLES	28941765	✓	33			
3	JOSIAH NGURZA	6263335	✓	60			
4	Stephen M. Kyalo	1879622	✓	68			
5	THOMAS M. MUTISO	8355546	✓	56			
6	EZEKIEL M. MUSAUKU	9849072	✓	55			
7	CHARLES K. WAMBUI	3976930	✓	54			
8	SQUINA KIDAVE	9291686	✓	54			
9	DAMARIS MUOKI	82920727	✓	36			
10	MIRIAM MUTHENBURA	12588341	✓	49			
11	Winfred Ndavo	26635206	✓	34			
12	HER ZAKOYO KIDETO	2344928	✓	39			
13	JACINTA M. JAMES	28974657	✓	36			
14	JOHN M. PAUL	13308284	✓	49			
15	JOSEPHINE MUTHOKA	1563743	✓	58			
16	ANIEL MUDOKO	9939746	✓	55			
17	Nthenge Ndamusuu	0581396	✓	59			
18	PETER KINAT NTHONGE	11647260	✓	50			
19	JOB K. ZOKA Ndamusuu	50632095	✓	50			
20	Janniffer N. Muli	8417569	✓	58			
21	NICOLINE MUIA	84200896	✓	38			
22	SHADRACK NTHIANI	83928035	✓	40			
23	ELIZABETH CHRISTOPHER	235829448	✓	43			
24	Boniface Mwangi	23447733	✓	43			
25	Esther Mueikya	13496852	✓	43			
26	Bergana Muthoika	23831045	✓	33			
27	Sebastian Muthu	29343831	✓	31			
28	Obadiah R. Kyunguti	09725534	✓	65			
29	Damaris Muioki	72920927	✓	27			
30	Elizabeth Christopher	235829448	✓	33			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUEENI
- Sub County KILONGE
- Ward KILIMAKUD/KALANZANI
- Date 05/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	3	14	0	19	-	-
Female	3	4	4	11	-	-
Total	6	20	4	30	-	-

S/N	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
1	OBABAH R. KYUNGUTI	0972534	0722 249740	Male		65			
2	KIATENA CHARLO	28941765	0700103913	✓		33			
3	DR. NIKALINS MUA	2420896	0713255922	✓		38			
4	1st Shadrack Muiyaga	134968522	0715758335	✓		43	✓		
5	Stephen M. Vyalos	1879622	0722950286	✓		68			
6	THOMAS N. MUTISO	83535746	0725906041	✓		56			
7	ARIEL W. NITHOME	21441281	0710541486	✓		43			
8	IEZECIEL W. WABONY	9849072	0715593165	✓		55			
9	KINFRED Adivo	26635206	0710356856	✓		34			
10	PAUL M. PAUL	13308284	0716916478	✓		49			
11	MIRIAM MUTHUMBWA	12588341	0712554608	✓		58			
12	Josephine Muthoka	1563743	0726810919	✓		39			
13	SAULIHA NJUFC	9291586	0711708454	✓		36			
14	PER. Zaky Ndeto	23449928	0112765085	✓		31			
15	DAMAS MUKI	22920727	0700584344	✓		55			
16	SESTIAN M. MURUA	29343831	0794813999	✓		40			
17	Nthenga Ndambura	0581396	0724078362	✓		58			
18	ANIEL MUDLOLO	9939746	0722590209	✓		32			
19	Jannifer N. Muli	8417569	07118710553	✓		35			
20	Jacinta N. James	28974657	0792347600	✓		40			
21	JOEL N. DAMBUKI	5663695	0713583812	✓		36			
22	Shadrack Paul	23928033	0722873346	✓		31			
23	Boniface Mwangi	23447733	0795978932	✓		43			
24	BENJAMIN M. MATHARE	2383145	0768974721	✓		38			
25	PETER KIRGA NTAMBE	11647260	0723559794	✓		50			
26	KIRIZABETH CHRISTOPHER	23582948	0728301478	✓		40			
27	JOSEPH MUMBA	6263305	0713643369	✓		60			
28	CHARLES WAMBWA	2976930	0742185816	✓		64			
29	ELIZABETH CUNDUPNER	23582948	0728301478	✓		31			
30	JOSEPH NJUGUA	0262305	0713643369	✓		35			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KIBWEZI WEST
- Ward KIKUMBUJU NORTH
- Date 9TH MAY 2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	3	14	3	20	2	1
Female	2	8	0	10	0	1
Total	5	22	3	30	2	2

S/No	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
1	NICHOLUS MUEO	20110367	0748085346	Male	48			
2	thompson MUSEMBI	34060174	0124828456	✓	49			
3	Emmanuel KIOKA	24683653	0903388592	✓	39			
4	Samuel Mutlak	10115640	070391995	✓	49			
5	JAMES HAP MARI	28864237	0798546235	✓	43			
6	Mwai Kimonyi	24476124	0724092091	✓	38			
7	Lazarus MURRAYA	11108886	0724325376	✓	52			
8	GIDEON MUSA	1008789	0714384829	✓	72	✓		
9	DANIEL MUTHIGA	3034091	0723772391	✓	59			
10	Elizabeth Kimani	25954280	0728143212	✓	39			
11	JACINTA NZACH	12959145	0720488765	✓	48			
12	Lucia KIROKO	24150343	0724559904	✓	88			
13	Veronica MUIA	14425305	0720279440	✓	45	✓		
14	DANIEL KIMOTOLA	23217356	0797491792	✓	40			
15	Benson KIROKO	31301187	0700459671	✓	32			
16	JOSEPH MURIA MBITHI	25283286	0746274420	✓	36			
17	MURIEL M. MUTHIGA	25594243	0714465555	✓	35			
18	JOSEPH KIROKO	13266634	0701844181	✓	47			
19	MUSAMBA MUKU	13025145	0728947209	✓	46			
20	JUSTUS M. MUKU	6275211	0784448067	✓	72			
21	FLORENCE M. NGATI	10999226	0724404344	✓	52			
22	PEREIRA MACHARIA	2393768	0724868204	✓	59			
23	MARY NGULI	31565130	0718372603	✓	80			
24	FLORENCE NGATI	10799226	0724404344	✓	52			
25	MARY K. MURRAYA	31320802	0704893503	✓	33			
26	LAUREN MURRAYA	28388559	0746739046	✓	33			
27	Benson KIROKO	31301127	0700459671	✓	32			
28	FLORENCE M. MUKU	62752111	07244448067	✓	72			
29	Lazarus MURRAYA	11108886	0724325376	✓	52			
30	JOSEPH M. MUKU	25223286	0746274420	✓	36			

REPUBLIC OF KENYA

GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KIBWEXI WEST
- Ward KIKUMBUTU NORTH
- Date 10TH MAY 2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	2	15	2	19	-141	—
Female	3	7	1	11	-1	—
Total	5	22	3	<u>30</u>	<u>3</u>	—

S/N	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	Signature
1	Humphrey MUSEMBI	34060174	0724822456	Male		49			<i>[Signature]</i>
2	Emmanuel Kuoica	24683653	0703388592	✓		39			<i>[Signature]</i>
3	Daniel K. NTHIENKA	10115640	0710391995	✓		48			<i>[Signature]</i>
4	Jamathi Maviri	28864237	0798546235	✓		43	✓		<i>[Signature]</i>
5	Mwai Kinyedy	24476124	0724092091	✓		38			<i>[Signature]</i>
6	Munyoki J. Mwangangi	31230802	0709293853	✓		29			<i>[Signature]</i>
7	Elizabeth K. Mwangi	25954280	0726113212		✓	39			<i>[Signature]</i>
8	Jacinta Ndayi	12959145	07220488765		✓	48			<i>[Signature]</i>
9	Veronica Muiy	14425305	0720279470		✓	48	✓		<i>[Signature]</i>
10	Lauren Numbua	88388559	0746739046		✓	33			<i>[Signature]</i>
11	Benson Kiboko	31301127	0700459671	✓		32			<i>[Signature]</i>
12	Wilfred M. Mwangi	25594203	0714465515	✓		35			<i>[Signature]</i>
13	Justus M. Mwakali	6275211	0724448067	✓		72			<i>[Signature]</i>
14	Lazarus Mwangi	11108886	0724324376	✓		52			<i>[Signature]</i>
15	Daniel Muthiga	3034091	0723772391	✓		59			<i>[Signature]</i>
16	Gideon Musy	1008789	07143848029	✓		72	✓		<i>[Signature]</i>
17	Peter Muthwa	7353768	0712156844	✓		58			<i>[Signature]</i>
18	Stephen M. Muthwa	25923286	0746274420	✓		36			<i>[Signature]</i>
19	Lucia Kuoico	2450343	0724559704		✓	38			<i>[Signature]</i>
20	Edith Kuto	13266636	0799841811	✓		49			<i>[Signature]</i>
21	Nicholas Muiy	20110367	0748085346	✓		48			<i>[Signature]</i>
22	Francis Muiy	13025145	0728947209	✓		46			<i>[Signature]</i>
23	Dennis Mungatale	23217356	07977491792		✓	40			<i>[Signature]</i>
24	Elphrease Muiy	6413018	07225333530		✓	70			<i>[Signature]</i>
25	Jackline Kaka	3265208	079942592		✓	28			<i>[Signature]</i>
26	Bernard Kipulo	23905838	0737042924	✓		35			<i>[Signature]</i>
27	Anna Kipungu	13193860	0721100118		✓	59			<i>[Signature]</i>
28	Nicholas M. Mungu	11849305	0701498587	✓		48			<i>[Signature]</i>
29	Elda K. Mwangi	22159198	0723650460		✓	41			<i>[Signature]</i>
30	Nduka Mwendu	31109089	0726612659		✓	26			<i>[Signature]</i>

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KIKWEZI-WEST
- Ward KIKUMBUYSOUTH
- Date 10/5/23

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	12	2	19	—	—
Female	5	6	1	12	—	—
Total	10	18	3	31	—	—

S/No	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
			Male	Female				
✓ 1	JESUS KATHUBA	20928722	✓		43			Te.
✓ 2	ESTHER MURUGU	29444450		✓	36			MAURUS
✓ 3	Anthony N-pqg	21006909	✓		41			Anthony N-pqg
✓ 4	Mary Muthuph	24369155		✓	39			Mary Muthuph
✓ 5	KATHA MUTHA	25383750	✓		37			Thangal
✓ 6	ALEX N. KATHA	30183002	✓		32			Thangal
✓ 7	Jacinta Muthaq	1500046		✓	71			Thangal
✓ 8	Kyalo Muthakabi	27188031	✓		35			Thangal
✓ 9	PURITY M Kyalo	25925522		✓	40			Purity M Kyalo
✓ 10	FESTUS M. NYAMU	13781931	✓		47			Festus M. Nyamu
✓ 11	Nicholas Luca	10611116	✓		55			Nicholas Luca
✓ 12	Cyrus Mwangi	40315016	✓		20			Cyrus Mwangi
✓ 13	MONICA MUTTOK	4370968		✓	18			Monica Muttok
✓ 14	GIMARI MATHID	30615778		✓	28			Gimari Mathid
✓ 15	Mabeli Mutisya	7408888	✓		56	✓		Mabeli Mutisya
✓ 16	Edmond M. Muthika	0770237680 0707241526		✓	32			Edmond M. Muthika
✓ 17	FARIDA Juma	36305268		✓	36			Farida Juma
✓ 18	ABRAHAM MUTHANI	21865330	✓		42			Abraham Muthani
✓ 19	Shedrack Musingy	22074619			39			Shedrack Musingy
✓ 20	RENÉ - K. MURUGU	30247749		✓	29			René - K. Murugu
✓ 21	NGINA MUTHAMI	40141883		✓	21			Ngina Muthami
✓ 22	MURIEL MUTHAMBI	10115696	✓		53			Muriel Muthambi
✓ 23	KATHA KIELA	8351087	✓		68			Katha Kiela
✓ 24	Josephine K. James	21472014		✓	40			Josephine K. James
✓ 25	RUBICA BASUND	23596094		✓	40			Rubica Basund
✓ 26	Stephen Muthika Willy	24779744	✓		41			Stephen Muthika Willy
✓ 27	MURUGU MUTHAMBI	8334167	✓		29			Murugu Muthambi
✓ 28	Shadrach Mutha Peter	8455223	✓		40			Shadrach Mutha Peter
✓ 29	EDMOND M. MUTHA	24473319	✓		38			Edmond M. Mutha
✓ 30	MUTHA	3740224	✓		26			Mutha

✓ 29 Muttok Muthok 25433031 0715102793

✓

✓

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REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KIBWEZI WEST
- Ward KIKUMBULTU SOUTH
- Date 9TH / 05 / 2028

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	9	0	13	1	1
Female	7	9	1	17	1	1
Total	11	18	1	30	1	1

EMPLOYEES LIST

S/No	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
1	MONICA MUTUKA	7370968	Male	Female	18			
2	ALEX H. MUKO	80183002	✓	✓	32			
3	MICHAEL MUKIMI	10115896	✓	✓	53	✓		
4	MULI MUTHIGA	7409888	✓	✓	40			
5	KIMWANDA KASHUD	23596044	✓	✓	36			
6	FARIDA JUMA	38305268	✓	✓	39			
7	MUNIRA SUMRANIE	21376636	✓	✓	29			
8	IRENE K. MUKOTA	30247147	✓	✓	81			
9	NGINA MUTHAMI	40141883	✓	✓	30			
10	MARITHA N. MUTOKA	85433031	✓	✓	42			
11	PURITY M. KIRO	25925522	✓	✓	37			
12	KATUKA MUTUA	85383750	✓	✓	47			
13	FESTUS M. NYIRWA	13781931	✓	✓	50			
14	DEBORAH M. NYIRWA	12225205	✓	✓	43			
15	FESTUS KIMURA	20928728	✓	✓	28			
16	GAMARI MATHID	30615778	✓	✓	39			
17	SHEDRAE MUSAUD	22074510	✓	✓	40			
18	JOSPHINE K. JAMES	21472014	✓	✓	38			
19	DEBORAH K. MUKA	24473319	✓	✓	40			
20	AUBRY NYIRO	21066908	✓	✓	42			
21	ABRAHAM NYIRWA	21865330	✓	✓	68			
22	KALAITHA KIELA	8351087	✓	✓	35			
23	KYALO MWATHANI	2188051	✓	✓	22			
24	CYRUS MAINOI	40815016	✓	✓	29			
25	ABUKU MUKH	33345169	✓	✓	55			
26	NICHOLAS LUKU	10611116	✓	✓	71			
27	JACINTA MUKATYA	15000446	✓	✓	72			
28	KELLENKETE N. MUTUA	0237680	✓	✓	41			
29	STEPHEN MUTUZE CICELY	24779744	✓	✓	35			
30	MERCY MUKALEGA	24369759	✓	✓	49			

(14) SHADRAK MWI

24154223 0724 375160

✓

✓

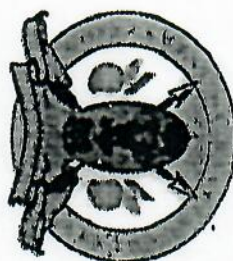
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REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KATI
- Ward KILUNGU
- Date 05/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	7	5	16	—	—
Female	2	11	2	15	—	—
Total	6	18	7	31	—	—

6441

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
				Male	Female				
1	PASCHINE STEMBWA MUHO	29112562	0703557261		✓	36			<i>Paul</i>
2	DONS KITHINZI	21376509	07114023421		✓	44			<i>Paul</i>
3	AMOS NGWATU	18586158	0717253030	✓		53			<i>Paul</i>
4	JAMES K. MUNDA	10114561	0714910472	✓		54			<i>Paul</i>
5	CHRISTINE M. MUHO	29952620	0719336474		✓	36			<i>Paul</i>
6	BONIFACE MBIZIT	1011392	0724055989	✓		60			<i>Paul</i>
7	ANDREW KIOKO	7259437	0727733387		✓	59			<i>Paul</i>
8	NGERO J. NUNATILI	3365284	0716727535	✓		68			<i>Paul</i>
9	AMBERGE MUTVO	6033809	0709750679	✓	✓	64			<i>Paul</i>
10	GEORGE K. WAKUNGI	26429190	0705359539		✓	40			<i>Paul</i>
11	DORCAS M. MUKINDI	23331665	0711970299		✓	75			<i>Paul</i>
12	JOHANN M. MUTUVA	6495093	0712536625	✓		31			<i>Paul</i>
13	GIDEON MUKA	29335205	0740008529	✓		50			<i>Paul</i>
14	MILLOLO J. NUNATILI	1142982	0702788896	✓		29			<i>Paul</i>
15	CHILD MUSENDU	29931180	0700573262	✓		56			<i>Paul</i>
16	BILITH M. MUKUKU	3364774	0923750104	✓		34			<i>Paul</i>
17	JAMES KUMEMU	9365A0A	0724868775	✓		30			<i>Paul</i>
18	PATRICA NUNATILI	30203220	07405520053	✓		50			<i>Paul</i>
19	STELLANENS NUNATILI	7384502	0746695291	✓		67			<i>Paul</i>
20	JOSEPH KYALO	0425658	07169161828	✓		58			<i>Paul</i>
21	PATRICA MUKINDI	7408313	0727907364	✓		50			<i>Paul</i>
22	GEORGE M. MUTUVA	5417701	0727559922	✓		47			<i>Paul</i>
23	JUSTINE M. MUTUVA	14615368	0715011425	✓		38			<i>Paul</i>
24	ANDREW MUKA	24415347	0724584525	✓		27			<i>Paul</i>
25	FELIX MULE MATHANI	29666286	0702917087	✓		32			<i>Paul</i>
26	BENJAMIN M. KIOKO	29666242	0704155538	✓		33			<i>Paul</i>
27	ANDREW M. MUKINDI	27649157	0795499351	✓		48			<i>Paul</i>
28	FLORIDA KAMUNDI	12586671	0716018171	✓		57			<i>Paul</i>
29	ELIZABETH M. KUMUKU	73181372	0797016283	✓		52			<i>Paul</i>
30	PATRICA MUKINDI	7408313	0772907364	✓		43			<i>Paul</i>

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY
























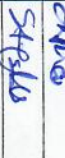







PCRA Consultative Meeting Form

- County MAKUEENI
- Sub County KATI
- Ward KILIMBU
- Date 04/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	7	5	16	—	—
Female	2	11	2	15	—	—
Total	6	18	7	31	—	—

Day 2

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
				Male	Female				
1	JAMES MUYEMBA	9365A04	07224868775	✓		54			
2	JOHN N. MUYERU	0498093	0712336625	✓		75			
3	GUARON MUYA	09535405	0740018524	✓		31			
4	ELIUD MUYENDO	89137180	0700573262	✓		29			
5	MUTOKO J. MUKORO	11479852	0707788890	✓		50			
6	NOEAS M. MUYUNGI	23331665	0711970299		✓	40			
7	BILHA M. MUYERU	33647714	0703750104		✓	56			
8	AMOS NGWATIA	12586158	0717253030	✓		53			
9	DORIS KITHINZI	21376509	0714023421		✓	44			
10	PASCHINE MUD	29112562	0703557261		✓	36			
11	CHRISTINE M. MUHO	24952620	0719336474		✓	36			
12	JAMES K. MURINDI	10114561	0714910472	✓		57			
13	BONIFACE MURITHI	1011392	0724055989	✓		60			
14	ANNA KIROKO	7859437	0727733387		✓	59			
15	AMBERGAS MUTUA	60333809	0728752639	✓		64			
16	NGOND J. MUAHILI	3365284	0716727535	✓		68			
17	GNACE K. WOLUNGO	26539180	0705259538			47			
18	FELIX MUKI MATHINDI	89108886	0702917087	✓		27			
19	BENJAMIN M. KIROKO	29666242	0704185538	✓		32			
20	PAPALIS MUI	24413367	0724894526	✓		38			
21	JUSTUS M. MUDERY	14615368	0715011425	✓		47			
22	ELIZABETH M. KIMATA	31181372	0797016283		✓	34			
23	KAREN M. MURURU	27649157	0795493571		✓	33			
24	FLORIDAY KIMWALI	125786671	0716018171		✓	48			
25	JASEPH KIALO	4425658	0716961828	✓		67			
26	STELLAMONIS MUYENGBIA	7384302	0746696291		✓	66			
27	PATRICIA MUTHIANI	7408313	0727907364		✓	58			
28	PATRICIA MUDURU	3060320	070520053		✓	30			
29	PAUL MURU	547701	0724339122		✓	50			
30	PATRICIA MUTHIANI	7408313	077407364		✓	62			
31	PAUL M. MATHIAS	2020955	0715193381	✓		43			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MBOONI
- Ward KISAKI-KITETA
- Date 5/5/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	10	3	17	1	—
Female	5	8	0	13	1	—
Total	9	18	3	30	2	—

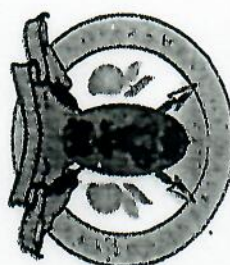
PARTICIPANTS LIST

S/No	Name	ID	Mobile number	Gender	Age	People living with disability	Minority	signature
1	JUSTUS N. MUTULU	3032713	0727-883095	Male				
2	MICHAEL K. KANYUWEKI	7955972	0702 833548	✓	64			
3	SAMSON M. NDIHUKO	23027636	0716-505356	✓	58			
4	NICHOLAS M. KIRURU	23119485	0727-225028	✓	41			
5	PETER K. NGUMU	3034018	0710555227	✓	42	✓		
6	SIMON M. MUKARARA	57682289	0715872289	✓	58			
7	ANNEH M. MUKARARA	14522352	0727536226	✓	66			
8	ROSE M. KASINDI	25973303	0758629766	✓	49			
9	MERCY M. MUSILI	23735050	0112312369	✓	39			
10	MOMICHA M. MUKUNYA	6046175	0714702534	✓	41			
11	BENJAMIN WABURUA	2358024	0715-225052	✓	56	✓		
12	PAUL K. KYALO	25284565	0727095707	✓	41			
13	ALVIN M. MUELI	2118495	0718 934 472	✓	42			
14	JACINTA D. MUGETI	22014624	0714970490	✓	46			
15	DOROTHY M. MUKENYUA	36941004	0727901666	✓	32			
16	JOSEPHAT V. MULLI	2974703	0714470282	✓	31			
17	PATRICK M. NZEKI	31228053	0708671897	✓	30			
18	SALOME K. MUTHIANI	8347983	0717689970	✓	52			
19	KINFRED M. KAKACHU	28433089	0768772228	✓	32			
20	ANNASIAH M. MARTIN	28746193	0706052446	✓	31			
21	VERONICA L. MALIKA	11870235	0794805126	✓	50			
22	JONATHAN MUTOONGO	10819920	0724422211	✓	46			
23	ANGELICA MUTHINI MUYOIA	26952368	0701115698	✓	35			
24	LUCKY M. MUELI	2802324	0719174775	✓	33			
25	STEPHEN N. KILU	11479231	0119584748	✓	48			
26	FIDELIS W. KASINDI	2950959	0794074238	✓	29			
27	HARRISON MURUA	29496532	0718278357	✓	30			
28	MFLAWA J. MUGETI	21182498	0718249532	✓	41			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MBOMI
- Ward KISAU-KITETA
- Date 4/3/2023

SUMMARY OF PARTICIPANTS

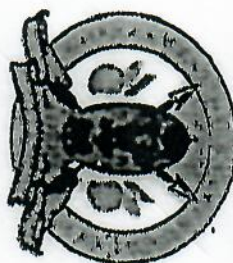
Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	10	3	17	1	1
Female	5	8	0	13	1	1
Total	9	18	3	30	2	1

S/No	Name	ID	Mobile number	Gender	Age	People living with disability	Minority	signature
1	Justus Mutuku	3032713	0727-883095	Male	64			<i>Justus Mutuku</i>
2	Michael Kanyuku	7955972	0702-833-548	✓	58 ^{yr}			<i>Michael Kanyuku</i>
3	Samson M. Mbituka	23027636	0716505 356	✓	41	✓		<i>Samson M. Mbituka</i>
4	Salome K Muthiani	8347985	0717689970	✓	55			<i>Salome K Muthiani</i>
5	Nicholas M. Kiituka	2319485	0727-2250228	✓	43			<i>Nicholas M. Kiituka</i>
6	Peter K. Ngima	3034018	0710555227	✓	58			<i>Peter K. Ngima</i>
7	Simon M. Ndukatira	5768228	0715872289	✓	66			<i>Simon M. Ndukatira</i>
8	Rose M. Kasenzi	25973303	0738629766	✓	39			<i>Rose M. Kasenzi</i>
9	Mercy M. Musili	23735080	012312369	✓	41			<i>Mercy M. Musili</i>
10	Amos M. Njoroge	14522352	0727536226	✓	49			<i>Amos M. Njoroge</i>
11	Monica M. Muthiga	6646175	0714702534	✓	56	✓		<i>Monica M. Muthiga</i>
12	Miriam N. Muriu	21182495	0718 934 472	✓	41			<i>Miriam N. Muriu</i>
13	Benjamin N. Wabura	2358024	0715 225052	✓	67			<i>Benjamin N. Wabura</i>
14	Lucy N. Mutegi	22014624	0714970 490	✓	46			<i>Lucy N. Mutegi</i>
15	Dorothy M. Muthika	56941004	0727901655	✓	24			<i>Dorothy M. Muthika</i>
16	Joseph M. Muli	29514703	0714470282	✓	31			<i>Joseph M. Muli</i>
17	Annastacia M. Mairin	28746193	0706052446	✓	31			<i>Annastacia M. Mairin</i>
18	Lucy M. Mueni	2892171	0790928 592	✓	32			<i>Lucy M. Mueni</i>
19	Patrick M. Nzeki	31225053	0708671897	✓	30			<i>Patrick M. Nzeki</i>
20	Kinfred M. Makenzi	28433089	0758712228	✓	32			<i>Kinfred M. Makenzi</i>
21	Ngoniwa M. Muli	13267421	0724422211	✓	46			<i>Ngoniwa M. Muli</i>
22	Jeremiah M. Ndulu	11270238	0794805126	✓	50			<i>Jeremiah M. Ndulu</i>
23	Jonathan M. Ndulu	10819920	0739153800	✓	56			<i>Jonathan M. Ndulu</i>
24	Mabelisa Muna	29496537	0718278357	✓	30			<i>Mabelisa Muna</i>
25	Fidius M. Kiwili	09500959	0794074238	✓	29			<i>Fidius M. Kiwili</i>
26	Angela Muthini Muthoni	26952368	0701115698	✓	35			<i>Angela Muthini Muthoni</i>
27	Janet Muthini Muthoni	25025224	0719174775	✓	32			<i>Janet Muthini Muthoni</i>
28	Idethen Kiliu	11477331	0719584748	✓	48			<i>Idethen Kiliu</i>
29	Nice Njalo	25284565	0727075707	✓	41			<i>Nice Njalo</i>
30	Nicobar Mueni	28921923	0727901621	✓	32			<i>Nicobar Mueni</i>

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MBONI
- Ward KITHUNGE KITHONI
- Date 09/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	8	2	15	—	—
Female	5	9	1	15	—	—
Total	10	17	3	30	—	—

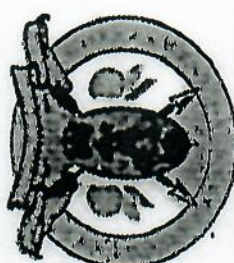
3

S/No	Name	15 NO	Mobile number	Gender	Age	People living with disability	Minority	signature
1	MAUREEN Mwenje Mwona	26858016	0715449838	Male	32			Reas
2	SAMMY MUIA Mwinani	0313673	0729321154	Female	65			Shirazi
3	VERONICA Mweni Kivuvu	74046446	0729219865		52			Shirazi
4	CHRISTOPHER Kikuyu Mwinjira	23406311	0724387329		89			Shirazi
5	MHASSA MUSEMA, KIVUA	20403748	0792302124		45			Shirazi
6	REV ISAAC MULLI MUGOSKI	22710520	0713725171		44			Shirazi
7	KENNETH Keli KIONGI	23716770	0769147720		41			Shirazi
8	KIACOB MUTISO MUTAOKA	7815740	0794100411		58			Shirazi
9	PETER MUKETU MATIHA	4808882	0725234387		68			Shirazi
10	SAVIA Muiuku Mulu	8528577	0720987515		60			Shirazi
11	SHALON STOMBUA	33615269	0743458316		27			Shirazi
12	POSTIN M. MUEMA	13267275	0758596213		54			Shirazi
13	MILFERED M. WAMBUA	28545402	0741825016		34			Shirazi
14	DILLATH M. NGU	5665095	0723765368		64			Shirazi
15	MARSTEN M DAVID	31845907	0714584024		33			Shirazi
16	ARHA M KYALO	22144173	0725805657		46			Shirazi
17	JUSTUS KATTA	9849884	0728127000		54			Shirazi
18	JEREMY K MUMAMBA	2560192	0717424235		56			Shirazi
19	BOREUS M NGUMBE	23307348	0728412345		42			Shirazi
20	TABITHA N LINA	12572622	0797539102		52			Shirazi
21	Ascar Kyenzi HZUKI	37707344	0713351391		24			Shirazi
22	Jane M. Ngyoki	11811885	07142988272		53			Shirazi
23	VERONICA KATHINE	24871532	0713657340		36			Shirazi
24	SAMPANHA MUNGU	37201137	0741-255 257		34			Shirazi
25	Miriam Mutea	23425051	0725951636		37			Shirazi
26	Michael Mufumbi	21047577	0727837177		42			Shirazi
27	Brian Soti Mutea Paul	31257205	0729621053		26			Shirazi
28	Godys Mwendu		0791659972		28			Shirazi
29	Musa Mufuku		0734682908		30			Shirazi
30	Mercy Muthu		0724347544		24			Shirazi

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MAROA
- Ward KITUNG'O KITINDO
- Date 10/05/2023

SUMMARY OF PARTICIPANTS

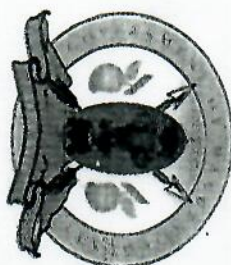
Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	3	9	2	14	—	—
Female	8	6	2	16	—	—
Total	11	15	4	30	—	—

S/No	Name	Mobile number	Gender		Age	People living with disability	Minority	Signature
1	Mathsias Kywa	0792302124	Male		45			<i>af</i>
2	KENEDY KEN KIDONGI	0769447720	✓		42			<i>af</i>
3	APHIA M KYALO	0725805659	✓		46			<i>af</i>
4	SUSTUS KATHA	0722812700	✓	✓	54			<i>af</i>
5	PETER M. MATHIHA	0725234387	✓		68			<i>af</i>
6	JACOB M. NUTHOICA	0794100411	✓		58			<i>af</i>
7	Jane M. NZYOKI	0142988272		✓	53			<i>af</i>
8	Doreus M. Ngunzi	0728412345		✓	42			<i>af</i>
9	SAVIB Muriuki Mule	0720987575	✓		59			<i>af</i>
10	Ray Isaac M. Muriuki	0713925171	✓		43			<i>af</i>
11	MAUREN Muriuki	0715419838		✓	32			<i>af</i>
12	OBILETH M. Muriuki	0703765368		✓	41			<i>af</i>
13	Michael Muriuki	0787887818	✓		41			<i>af</i>
14	MARISTELLA M. DAVID	0714584024		✓	33			<i>af</i>
15	IRISHA N. LUGO	0794539102		✓	52			<i>af</i>
16	POSTINA M. MUCOMA	0758596213		✓	54			<i>af</i>
17	VERONICA M. KIVUA	0729219765		✓	52			<i>af</i>
18	CHRISTOPHER K. MURINDA	0724387329	✓		39			<i>af</i>
19	WILFRED M. WAMBUA	0741825016		✓	34			<i>af</i>
20	SAMANTHA MURUGU	0791-255 2871		✓	33			<i>af</i>
21	Miriam Muthua	0735954636		✓	33			<i>af</i>
22	JEREMIAH MURUGU	0717424235	✓		56			<i>af</i>
23	Sammy MUTHU	0729321154	✓		65			<i>af</i>
24	Mary Mubenge	0195055311		✓	26			<i>af</i>
25	Mercy Muthuel	0721347544		✓	24			<i>af</i>
26	Benson Muthua Paul	0729621039	✓		26			<i>af</i>
27	Ascar Kyari	0713351371	✓		25			<i>af</i>
28	SHARON STOMBUA	0743458316		✓	27			<i>af</i>
29	MURUGU Muriuki	0734682908	✓		30			<i>af</i>
30	Edith Mubende	0791659972	✓		28			<i>af</i>

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County Makueni
- Sub County Makueni
- Ward Kithise - Kithuki
- Date 11/5/2023

SUMMARY OF PARTICIPANTS

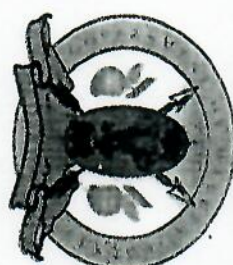
Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	7	8	1	16	—	—
Female	4	11	1	16	—	—
Total	11	19	2	32	—	—

S/No	Name	Mobile number	Gender	Age	People living with disability	Minority	signature
1	SAMUEL M. MERTHI	8352007	Male	56yrs			<i>[Signature]</i>
2	SILVSTER M. MUKUKU	30565270	✓	29yrs			<i>[Signature]</i>
3	HELEN W. MUSAU	35537963	✓	35yrs			<i>[Signature]</i>
4	BENSON K. MUANTE	80438358	✓	32			<i>[Signature]</i>
5	PETER M. MUTEI	32703454	✓	29			<i>[Signature]</i>
6	JOSEPH M. AKROCALO	27751982	✓	32			<i>[Signature]</i>
7	PETER M. NDERE	5092000	✓	52			<i>[Signature]</i>
8	MATHIAS M. MBIIDYO	11623245	✓	50			<i>[Signature]</i>
9	Beatrice M. Munguwa	1111720	✓	46			<i>[Signature]</i>
10	Beatrice Daniel K. Nuhung'	3948183	✓	31			<i>[Signature]</i>
11	SABASIAH MUKILI MULA	1698068	✓	63			<i>[Signature]</i>
12	BENJAMIN MACHUKU MACHUKU	7944471	✓	56			<i>[Signature]</i>
13	JOSEPHINE AZIZAH MUNDU	20258232	✓	48			<i>[Signature]</i>
14	ELIZABETH N. WAMBUA	20844618	✓	44			<i>[Signature]</i>
15	MATHIAS KITHI	4416161	✓	59			<i>[Signature]</i>
16	THEODORA M. KITHI	13794333	✓	46			<i>[Signature]</i>
17	JOICE M. MUKUKU	1452153	✓	46			<i>[Signature]</i>
18	PURITY M. MUKUKU	37123952	✓	28			<i>[Signature]</i>
19	DANIEL M. MUKUKU	26713904	✓	34			<i>[Signature]</i>
20	ROSE K. REUBEN	6132181	✓	54			<i>[Signature]</i>
21	ESTHER MULEE KINOLA	2977318	✓	41			<i>[Signature]</i>
22	Mariam Momo Muma	9638201	✓	54			<i>[Signature]</i>
23	JOICE Khambo Muma	9614848	✓	54			<i>[Signature]</i>
24	EUNICE NINA KISILI	9345655	✓	54			<i>[Signature]</i>
25	CYRIL KATUNGA MUSAU	11361785	✓	52			<i>[Signature]</i>
26	PASCALINE MUKUKU	12722045	✓	47			<i>[Signature]</i>
27	AKPTONCE MBIIDYO	24439041	✓	45			<i>[Signature]</i>
28	ROSEMARY WAMBUA	23849040	✓	36			<i>[Signature]</i>
29	Peter Kiyo	25674120	✓	38			<i>[Signature]</i>
30	Grace Mungu	27301120	✓	34			<i>[Signature]</i>
31	10M Mungu	3855296	✓	25			<i>[Signature]</i>
32	Mungu	3578448	✓	30			<i>[Signature]</i>

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County Makueni
- Sub County Makueni
- Ward Kithuse/Kethwoki
- Date 12/5/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	6	8	1	15	1	-
Female	4	11	1	16	-	-
Total	10	18	2	31	1	-

S/No	Name		Mobile number	Gender		Age	People living with disability	Minority	signature
1	JOSEPH MAUNOI MUKULU	Community	0729 701047	Male		32yrs	✓		
2	ESITHER M. KINQOLA	Member	0791948783		✓	61			
3	Beatrice M. Muryoti	Member	0725138330		✓	46			
4	ELIZABETH N WAMBU	Member	0706573025		✓	44			
5	HELEN W. MUSAU	Member	0710935545		✓	35			
6	SAMUEL M. MBITHI	Member	0710501427	✓		56yrs			
7	KENNEDY K. KIMANTH	Member	0795872520	✓		83yrs			
8	DAVID K. KOTUSOI	Member	0716216192	✓		34yrs			
9	PETER M. NDEKE	Member	0717745342	✓		52			
10	PLINY M. MUTHIKA	Member	0793327530		✓	28			
11	MATTHIAS M. MBUNDYO	Member	0726100590	✓		50yrs			
12	HERESIA M. KITHA	Member	0714435814		✓	46yrs			
13	CHRISTIAN MUKILI	Member	0712510987	✓		63			
14	DAVID K. MUNDIE	Chief	0723838485	✓		54yrs			
15	JOICE M. MUSTOKA	Member	0700809169		✓	46			
16	BENJAMIN MASTOLA	Member	0704232171	✓		56			
17	CUDOSO B. MUSAU	Chief	0706170807		✓	52			
18	SILVIA M. MUKU	MCA: RA	0724887344	✓		29			
19	Beatrice M. Koko	WAO	0710491353		✓	52			
20	Maria M. Muthika	Community	0707221620		✓	59			
21	PASCALINE MATHILI	AG: WBO	0721808068		✓	47			
22	MARIAL MUNDO MUSAU	Senior Chief	0791878038	✓		55			
23	ELUNICE NGINA KISULI	Senior Chief	0700290012		✓	54			
24	ROSE K. REUBEN	Member	0708226254		✓	50			
25	DAMARIS N. MUKIGITHA	Member	0797493850		✓	34			
26	ALPHONCE M. BINOYO	Member	07218609580	✓		45			
27	ROSEMARY WAMBUI	Community	0708705157		✓	36			
28	Peter Koko	C.M	—	✓		38			
29	Grace Muma	C.M.	070230401	✓		34			
30	JOM MUMTGO	Community	075529638	✓		25			

31 Mwangangi, Muthi Community 074884531 ✓

30

Nutua

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KIBWEZI WEST
- Ward MAKINDU
- Date 4/5/2023.

SUMMARY OF PARTICIPANTS

Gender	Age		TOTAL	PWD	MINORITY
	Below 35	35-60			
Male					
Female					
Total					

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
1	Julius KIRO Daudi	2953580	0718085661	Male		30			
2	Daniel KITALO KIVU	74796535	0721918250	✓		33			
3	MATHIAS MUSTOKA	28367371	0725327667	✓		32			
4	Paul Mwangi Njoroi	1500347	0717406066	✓		37			
5	NEBOIRA KISI	26963712	0758279187		✓	37			
6	SAKSON M KILANZI	25651844	0703506979	✓		37			
7	Wycliffe N. Mwau	07003116	0740791948	✓		35			
8	GRITERINE KITHAGI	11404425	0724622550		✓	49			
9	Veronika Nthaga Mwa	44362678	0743206902		✓	20			
10	Francis Mwangi Mutua	42037529	0707740488	✓		21			
11	John Mwangi Ndetei	34571535	0718363583	✓		70			
12	Anastacia Nzulu Ndetei	21035123	0723036569		✓	52			
13	Elizabeth M. Mwangi	26552411	0741014913		✓	33			
14	MBOYO KIENGO	25340647	0720306167	✓		35			
15	Theresa NGONGE	5327107	0721551944		✓	29			
16	JOYCE MUKHOMBI	11814994	0721275519		✓	51			
17	Kitara Masile	26551833	0708240068	✓		34			
18	Yahya Khamis Kiio	31412809	0712529982	✓		30			
19	Patrick Kyungu Jeter	32547710	0799176799	✓		28			
20	KILONZO LETA	33354902	0791440124	✓		26			
21	MARIE ABITA KISOI	9192893	0723929370		✓	52			
22	John Mwangi Huma	2516487	0710251107	✓		42			
23	Mwai Mwangi	23690964	0725164473	✓		38	✓		
24	MAGALYEN M. MUTENDE	11268266	0725792070		✓	54			
25	ELGABELH M KIRO	9556250	0712884235		✓	56			
26	Cherity Mwangi	28081809	0712574560	✓		33			
27	Patricia Mwa	11202561	0712410329	✓		34			
28	JOYCE KATHYOLU	2986589	0720412200		✓	64			
29	BEASON WAMBORA	23923315	0725962261	✓		35	✓		
30	PAUL MURINE	36006639	0759024535	✓		23			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUEENI
- Sub County KIBWEZI WEST
- Ward MAKINDO
- Date 05/05/2023.

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	9	7	2	18	2	—
Female	5	7	3	15	1	—
Total	14	14	5	33	3	—

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
				Male	Female				
1	MATHIAS MWSYOKA	28369371	0725322667	✓		32			
2	JULIUS KIEKO DAUDI	29503580	0718085661	✓		30			
3	PAUL MWSYOKA	1520347	0717406066	✓		40			
4	ANNASTACIA NDETI	21075127	0723036569	✓		33			
5	DANIEL KYALO KIVU	24796525	0721918250		✓	39			
6	VERONICA KISOI	26963712	0758279187		✓	60			
7	Theresia Ngonze	5327107	0721551944		✓	20			
8	Veronica Nthiga Nzisa	41362678	0743206902	✓		23			
9	Paul Nwunge	36056639	0752024538	✓		28			
10	Patrick Kinyua Peter	32549710	0799196899	✓		35			
11	MBOYO KIENGO	2534647	0720306167	✓		35	✓		
12	BENSON WAMBUIA	23923315	0725962261	✓		20			
13	Yolupa Khamis Kiso	31412809	0712529982	✓		34			
14	Kafesa Masila	26518333	0728042068	✓		52			
15	MARY ABURA KISOI	9198893	0723929370	✓	✓	70	✓		
16	John Masyoka Nditi	3457755	0718363583	✓		54	✓		
17	MAGSALANT MATEMBE	11268266	0725792070	✓		38			
18	Mary Mwausiko	23690964	0725164473	✓		42			
19	JOHN HDAMBURI HAZIKA	2565687	0710251107	✓		35			
20	Wycliffe Ngonzo Mwano	27003116	0740791948	✓		54			
21	PATRICK MATI	11202561	0704425573	✓		49			
22	CHRISTINE KIVUNGI	11404421	074622550	✓		64			
23	JOYCE KATHUPI	2988589	0720412200	✓		26			
24	KILONZO LENU	33354902	07911440124	✓		65			
25	ELISABETH M KIOKA	9550250	07112884235	✓		37			
26	JACOBSON KILONZI	256518400	0702506979	✓		33			
27	Elizabeth M. mwania	26552411	0741014913	✓		51			
28	JOICE MONTWOKI	11614994	0721275519	✓		21			
29	FRANCIS MUKILI MUKI	420037534	07072440488	✓		31			
30	Sheliah MUKI	30247312	0710310512	✓		35			

YVONNE NZYIMI 2945988 0711632795 ✓ 35
 CHARITY MAMUVE 28051847 0712574562 ✓ 35
 NASSIR KITALO 28370730 0740328815 ✓ 43

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY

PCRA Consultative Meeting Form

- County _____
- Sub County _____
- Ward MASVENGALU
- Date 12/5/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	7	3	15	1	1
Female	4	2	2	14	1	1
Total	9	15	5	29	2	2

	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	Signature
				Male	Female				
✓	Florence K. MUGISA	1260453	0113393266		✓	55			
✓	JOSEPHINE T. ALBUNDI	14524346	0716246940		✓	46			
✓	Titus K. MULENGA	20764285	0726233320	✓	✓	40			
✓	GEORGE M. MURSHEN	7868125	0713489049	✓	✓	54			
✓	JACKSON K. KUYA	3503024	0720129162	✓		20			
✓	REGINA SIMON	29871698	0721248043		✓	25			
✓	KULULA MATHEA	8325291	0919004654		✓	35			
✓	MOSIMAKA MASIVE	1349557	0721134144	✓		42			
✓	DAMARIS IVUNDA	26922555	0740036464		✓	40			
✓	SHARON MURUDE MUTSYA	23377610	0725116057		✓	47			
✓	ALFRED M. MUKUNDU	21327897	0727072573858	✓		23			
✓	PAUL M. MUYUNGA	30244886	0715746447	✓		23			
✓	NEILANI NZIKI	36391537	0740445128		✓	29			
✓	MASHA MASHYIMU	27573246	0799486021		✓	33			
✓	DENIS M. KIMANTHI	33593342	0743059966	✓		34			
✓	DENIS M. NARDEU	26181766	0727329068	✓		36			
✓	DOMINIC N. NZIOKA	26919525	0725409005	✓		38			
✓	MURDO KICANGA	26627034	0727775949	✓		53			
✓	PGAR M. NIMHARA	725004	0727548535	✓		63			
✓	MURATHI KONGYU	3081303	0725664827	✓		35			
✓	FAIR M. PETER	2434045	0729450096	✓		44			
✓	EUNICE MULINGA	21452085	0745711576	✓		25			
✓	JOHANSON MUKINGA	1806967	0728233129	✓		68			
✓	MILANI KIOKO	3754307	094232007	✓		23			
✓	DANIELA MURUWA	31898820	071674607	✓		28			
✓	CHARLES MURDO	19444413	0716023144	✓		48			
✓	ESTHER BEMBE	1126972	0742696275	✓		60			
✓	ELYN M. MURWA	3020983	0725125558	✓		42			
✓	PRIDA MURUWA	23802671	0720257136	✓		44			
✓		9833264	0720722684	✓		44			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County Makueni
- Sub County Kibwezi east
- Ward Masongoleni
- Date 11/5/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	1	12	2	15	—	—
Female	3	11	1	15	—	—
Total	4	23	3	30	—	—

Name		Mobile number		Gender		Age	People living with disability	Minority	signature
1	Damaris IVUNDA	06922555	0740036464	Male	Female	42			
2	JOHNSON KUNINGE MUKICA	1806967	0728233129	✓	✓	68	✓		
3	FRILL M. PEIER	24340015	0729950090		✓	35			
4	ESTER	11270302	0723633592		✓	53			
5	EUNICE MUKINYA	21452085	0745711576		✓	44			
6	MUSUNYELA MASAUA	13949557	0741137144	✓		50			
7	SHARON MUEHDE	23377610	0725116057		✓	40			
8	GEORGE M. MUSAOKA	7868128	0713489049	✓		54			
9	TITUS K. MUEMA	207164285	0726233320	✓		40			
10	JACKSON K. KIVUA	3503024	0720129162	✓		70			
11	MARIA MUSHIMI	2457348	0757304914604	✓		33			
12	REGINA SIMON	29871698	0721248045		✓	29			
13	ALFRED MUKURU	26325271	0719104664	✓		35			
14	MICHAEL KISANGA	26527034	0727775949	✓		38			
15	NAIBANI KIKO	37539809	0742333007	✓		25			
16	NAIBANI NAKI	36391137	0740445128	✓		24			
17	FLORENCE MUTISYA	1260453	07011393266	✓		54			
18	ESTHER BIRABO	3020983	0725255358	✓		60			
19	ERIC NDAIMBUKA	24620790	0713659630	✓		37			
20	PRISCILLA MUTHURUGA	9833284	0720722884	✓		48			
21	CHARLES MUKUNUKU	21327847	0721572858	✓		45			
22	CHARLES MUAHA	1126995	0742676275	✓		52			
23	JOSEPHINE MULA	1698638	07222335790	✓		42			
24	MALIKO KATHOME	1008635	0728237604	✓		58			
25	JAMES MUKI	6204993	0703694509	✓		41			
26	MARY KISAN	3002443	0716427860	✓		52			
27	JOHN KAMUTHI	2609440	07149962636	✓		46			
28	NANDA KONGU	364093	0726903420	✓		41			
29	JOSEPHAT MULEI	3056335	0715505732	✓		50			
30	PETER MUSEU	1162566	0795266590	✓		59			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County Makueni
- Sub County Makueni
- Ward Mavindini
- Date 11/5/2023

SUMMARY OF PARTICIPANTS

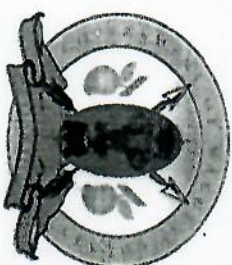
Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	9	1	14	-	-
Female	2	11	2	15	-	-
Total	6	20	3	29	-	-

	Name	ID	Mobile number	Gender	Age	People living with disability	Minority	signature
1	FELISTER S. MUTHIKAI	23362293	0706350934	Female	36			
2	DANIEL M. NYULI	23830891	0726084806	Male	40			
3	BENAMIN M. MWISA	0961482	0729634955	Male	65			
4	FLORA N. KILONZO	10799927	0700643309	Female	52			
5	SERAI N. MUKAI	29595330	0703288873	Female	34			
6	PAULINE NY/MAINDI	12572710	0712514130	Female	49			
7	JOYANTHAP S. MUGUA	21876558	07228112935	Male	43			
8	CHARIS N. MAILIJI	26636330	0714520185	Female	48			
9	ANNE K. MATITA	11016181	070580908	Female	52			
10	FEUSTOS K. NGOLOMA	23190979	0719439517	Female	40			
11	JAMES NYUYAMBU	27882976	0712074082	Male	32			
12	JOSEPH M. NYELE	7821120	0713208706	Male	44			
13	ANGELINE M. KINYAKA	12572319	0723009183	Female	48			
14	REUBEN M. MUTUNGA	31917632	0710903156	Male	30			
15	JOSEPH M. KILONZO	14675425	0712777357	Male	42			
16	UTBANGUS MUNGUJI	10969261	07227634685	Male	53			
17	JACINTA M. NJANANI	3127203	0728739261	Female	43			
18	EVANS MUSTOKA MUKALA	30334654	0726079409	Male	31			
19	JOYITHI M. MUKHAI	33705142	0740425662	Female	27			
20	CHARLES MUKHAI	07214484	20465219	Male	46			
21	MIRIAM MUKHAI	072982391	27752784	Female	32			
22	DAVID M. MUMYAO	0705076410	9964012	Male	55			
23	BARBARA W. KIROKO	070040002	11646908	Female	50			
24	ELIZABETH M. MUNDI	22654606	0724518970	Female	40			
25	DAVID M. DANGI	7793587	0738250646	Male	78			
26	STEFEN KYATI MUA	21635896	0721787348	Male	41			
27	SILVERION MUKAI	21927628	0703267270	Male	45			
28	ALEX MUKI		0712556150	Male	44			
29	DOUGLAS KISILI		0720409562	Male	46			
30								

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County Makueni
- Sub County Moyale
- Ward Maring'in
- Date 12/5/23

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	10	2	16	—	—
Female	1	10	3	14	—	—
Total	5	20	5	30	—	—

	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
			Male	Female				
1	JACKSON K-MAKENDI	0726592898	✓		50			
2	BENJAMIN M. MUSA	0729634955	✓		65			
3	DANIEL M. KYULO	0726084806	✓		40			
4	ELDER M. KILONZO	0700643309		✓	52			
5	DANIELS N. MAMITIA	0714520185		✓	50			
6	SERAH N. MUKA	0703288873		✓	34			
7	PAULINE N. MUMINDI	0712514130		✓	49			
8	FELISTA S. MUTHIANI	070630934		✓	36			
9	JOHANNAH MUIVA	0728112935	✓		43			
10	JULIUS N. MUENDO	0715871732	✓		48			
11	JAMES MUDYAMBUS	0712074082	✓		22	✓		
12	ABRAHAM MUNDURI	0727634685	✓		53			
13	FELISTAS K. NADINDO	0719439517		✓	40			
14	JACINTA M. NYAMATI	07228739261		✓	40			
15	ANNE K. WALTER	0701580908		✓	52			
16	REUBEN M. MUTUNGA	0710903156	✓		30			
17	JOSEPH M. KILONZO	0712777357	✓		42			
18	JOSEPH M. NYAKA	0713208706	✓		64			
19	ANGELINE M. KINYAKA	0723009183		✓	48			
20	CAROLINE MUKU	0722848496		✓	46			
21	DAVID M. KILICO	0700400502		✓	50			
22	JOHAN M. MUDAMANGI	0740425662	✓		27			
23	TURN MUKOTA MUKA	0726079409	✓		21			
24	DAVID M. MUMIAS	0705076410	✓		55			
25	STEPHEN MUKA	0703269870	✓		45			
26	STEPHEN KPALO	0721787348	✓		41			
27	DAVID M. NYANGI	0728250646	✓		78			
28	FELISTA MUKA	07						
29	ALEX MUKA	0712556150	✓		44			
30	DAVIDAS KISILU	0720409567	✓		46			

Community - MBITINI WARD.

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MAKUENI
- Ward MBITINI
- Date 12-05-2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male						
Female						
Total						

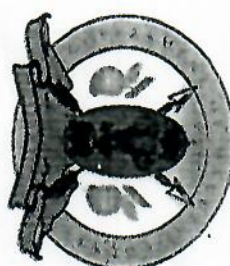
Name	Mobile number	Gender		Age	People living with disability	Minority	Signature
		Male	Female				
1 Patrick M. Kimbily	13798140	✓		50			
2 Esther K. Noli	2565934		✓	37	✓		
3 Mylesite K. Mwangangi	13257201	✓		48			
4 Geoffrey Muthita Nthilik	30010672	✓		30			
5 Judith Mulinge	12723352		✓	42			
6 Nicolas Koko Muzwa	7360853	✓		62	✓		
7 Peter Kimanga	10860305	✓		55	NO		
8 Daniel Mushi Kimali	12867696	✓		48			
9 Francisca Sili	27500106		✓	36			
10 Mendeni Mwa	27197505	✓		36			
11 Oscar Masaku	3502886	✓		35			
12 Andrew K. Mwangangi	21355582	✓		43			
13 Daniel Mambwa Mburau	202204651	✓		43			
14 Phoebe Muma Masile	29109341		✓	42			
15 Keren Wambwa	11646857		✓	51			
16 Felistus Kavats	25297571		✓	36			
17 Philip K. Kyaika	22712548	✓		42	NO		
18 Bernard M. Ndabai	25563881	✓		38			
19 Ambus M. Makena	25073114	✓		27			
20 Salome M. Kilomzi	22523569		✓	38			
21 Kennedy Katang	37733391	✓		24			
22 Evans M. King'ole	11813394	✓		50			
23 Fred M. Sumba	22427662	✓		43			
24 Richard M. Kaindi	21058753	✓		41			
25 Joyce W. Mboro	30464011		✓	36	NO		
26 Virginia Muthiso	21339160		✓	40			
27 Jackson Nyamahi	13226125	✓		45	NO		
28 Eudyne Kisira	14952980		✓	43	NO		
29 Salome Kilomzi	2112486071, 2266041		✓	37	NO		
30 Maud Kimeu	1007412	✓		38			
Total				47	1		

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REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MAKUENI
- Ward Mbitini
- Date 11/05/23

SUMMARY OF PARTICIPANTS

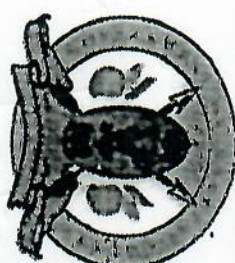
Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	1	19	1	21	2	1
Female	6	8	4	18	1	1
Total	7	27	5	39	3	1

	Name	Mobile number	Gender	Age	People living with disability	Minority	Signature
1	Mucembi Titu	07497501	Male	36			
2	Oscar Masaku	35026686	✓	85			
3	Andrew Kyalo Mwangangi	21358855	✓	43			
4	Patrick Mumbwa Nziwau	02049657	✓	43			
5	Phoebe Mumo Masika	09109847		42			
6	Francisca Muli SLA	027500108		36			
7	Keceni Wambara	01646857		51			
8	Judith Mulinge	12723352		42			
9	Nicolas K. Nwura	7360853		62	✓		
10	Patrick Mubinge Kimila	13793140	✓	50			
11	Esther KRONDI NOLI	25654934		37	✓		
12	Daniel Mueki Kimali	12867696	✓	48			
13	Wycliffe Makena Kenge	13267201	✓	45			
14	Geoffrey Muthira NTHIA	30010672	✓	30*	NO		
15	Esther Kungol	10860305	✓	55	NO		
16	Philip KHAO KTHAKA	22712548	✓	42	NO		
17	Bernard N. NGEI	25663885	✓	38	NO		
18	Abner M. MATHENGA	25013114	✓	37	✓		
19	Elvis N. Kingela	11813374	✓	50			
20	Kennedy Katana	37733391	✓	29			
21	Fred M. Somba	22427662	✓	43			
22	Joyce W. MBERO	304464071	✓	36	NO		
23	Miriam M. Mutiso	21339160	✓	40	NO		
24	Ackson K'AMANI	13226125	✓	45	NO		
25	RICHARD Mawoa Karuri	21058733	✓	43	NO		
26	PETER MATHIA	2072209	✓	46	NO		
27	Julius M. MUAHA	25146477	✓	37	NO		
28	Everline Kuvu	29601445	✓	31	NO		
29	MARY KIMEL	20149044	✓	38	NO		
30	Horace Mutitu	1007412	✓	47	NO		

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County Makueni
- Ward Makueni
- Date 04/08/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	1	10	1	12	2	1
Female	1	13	5	19	0	1
Total	2	23	6	31	2	2

15/2023

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
1	HELENI M. MUSAU	13424305	0715750325	Male	Female	50			<i>Betty</i>
2	RONALD MUYAO	14429965	0722714804	✓	✓	49			<i>Ronald</i>
3	ELVICE MUTHAUYU	12591952	0715273366		✓	50			<i>Elvis</i>
4	ANTHA MUIA	23786727	0720754528		✓	38			<i>Aria</i>
5	REGINA N. KIVILA	25432303	0713962372		✓	38			<i>Regina</i>
6	JOHN NGATI MUTUNGI	1503609	0720679890	✓		67	✓		<i>John</i>
7	REASON W. KATHU	7409718	0710651534	✓		59			<i>Reason</i>
8	REASON W. KATHU A. S. KATHU	3542910	0729387451		✓	60	✓		<i>A. S. K.</i>
9	PRISCILLA M. MUSAANZA	9064614	0715938327		✓	56			<i>Priscilla</i>
10	EUNICE N. DAVID	33116625	0727410978		✓	30			<i>Eunice</i>
11	FREDERICK K. JULIUS	7042893	0700300481	✓	✓	58			<i>Frederick</i>
12	MABY MUNDI	3056874	0729009579		✓	63			<i>Maby</i>
13	ROSEMARY MURANGE	12590574	0720257013		✓	50			<i>Rosemary</i>
14	MARY M. MIBERI	7042857	0740823206	✓	✓	60			<i>Mary</i>
15	ANNE MARI FENUS	27601423	0713295485		✓	35			<i>Anne</i>
16	PRINCE MURUKA NDUNDA	28452786	0717412579		✓	42			<i>Prince</i>
17	PENINAH N. MUEBDO	3057891	0715073355		✓	60			<i>Peninah</i>
18	RICHARD MURINDA DANDU	34423266	0704279196	✓		27			<i>Richard</i>
19	NICHOLAS M. MUTHIA	7815349	0727416385	✓		58			<i>Nicholas</i>
20	FEUSTUS MAUNDU	20404863	0723132041		✓	48			<i>Feustus</i>
21	Sarah Muegeli	27067010	0729000903		✓	36			<i>Sarah</i>
22	BENARD M. MUEGA	21124516	0712160221		✓	43			<i>Benard</i>
23	PERWATH A. MUEBDO	7042047	0720209200		✓	60			<i>Perwath</i>
24	KULAND MUSEUB	11203570	070704183354	✓	✓	45			<i>Kuland</i>
25	CITAMBELO M. MUTHUA	10798738	0725941266	✓		50			<i>Citambelo</i>
26	SILVESTRE M. MUGANIA	28936923	0715211752	✓		35			<i>Silvestre</i>
27	LUCY M. KIMU	20524388	0715211752		✓	39			<i>Lucy</i>
28	Francis Mubangili	11108160	11108160	✓		52			<i>Francis</i>
29	XIZORE CHARLES	11602848	0722635605	✓		50			<i>Xizore</i>
30	ANAKIS NGELIA	04037775	0725455749		✓	37			<i>Anakis</i>
31	PRICE KEN MUMBUT	7042178	0716915738	✓		57			<i>Price</i>
32	BENISILE M. KUTENDO	11315943	0726833780	✓		50			<i>Benisile</i>

(18)

(13)

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MBODNI
- Ward MBODNI
- Date 04/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	3	7	1	11	—	
Female	1	12 11	5	17	—	
Total				28		

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
1	PENIATH N. NABBO	7042047	0720209200	Male	✓	60			
2	BERNARD M. MUTHA	21124516	0112160221	✓		43			
3	FELEHUS N. MASHU	22040563	0723132041	✓		43			
4	SERAH M. MUENDO	27067010	0729000903	✓		43			
5	KULINDO M. MUSCAUSI	11203572	0704183354	✓		36			
6	CHAMBERLIN M. NITHIAT	10798738	0725941266	✓		45			
7	Liny m. KIRU	24824368	0715213950	✓		50			
8	REGINDA N. KIVILA	2543203	0713962372	✓		39			
9	EUNICE M. MUTHA	12591952	0715273366	✓		38			
10	ADDAH M. MUIA	23786727	0720754528	✓		50			
11	HELLEN M. MUSAU	13424305	0715752325	✓		38			
12	RONALD MUTHA	14423965	0722714804	✓		52			
13	JOHN NGATI MUTUNGI	1503609	0730679890	✓		49			
14	BENSON K. KATHUSI	7409716	0710631534	✓		67			
15	AGUMTER M. NUGENDO	3542910	0729387451	✓		59			
16	MICHAELS M. MUMBA	7815349	072746385	✓		60			
17	FREDERICK K. JULU	7042893	0702800481	✓		58			
18	FRISAILLO M. MUAUUA	9064614	0715938327	✓		58			
19	EUNICE N. DAVID	33116625	0727410978	✓		56			
20	SILVESTRE M. TAVANIA	28936923	0715211752	✓		30			
21	FRANCIS MUKANGI, I'	11108160	0708567801	✓		35			
22	PENINATH M. MUNDU	23452786	0717492579	✓		52			
23	ALIMAD MUMBA DAVID	3442326	0704279996	✓		43			
24	FRANK N. FARMAS	27604023	0713295265	✓		27			
25	PENINATH N. MUBENDO	3057891	0715073355	✓		35			
26	MARY N. MUNINDO	3056874	0729009579	✓		60			
27	MARY M. MIBERI	7042859	07140823206	✓		63			
28	JOSEPH S. MUAUSO	12590570	0720207013	✓		60			
29				✓		50			
30									

Key = 1807
9894

38 people paid.

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MBENI
- Ward MBENI
- Date 03/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male						
Female						
Total						

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
1	PENINAT N. MURDO	7042047	0720209200 ✓	Male	✓	60			Frds
2	BENARD M. MURUA	21124516	0712160221 ✓	✓		43			Frds
3	REGINA H. KIRIA	05432303	0713963372 ✓	✓		38			Regis
4	(ASUMTEE N. MUEENDO)	3542910	0729387451 ✓	✓		60			Regis
5	SEBAST M. MUEENDO	27067010	0729000903 ✓	✓		36			Regis
6	FELISTUS N. MUEENDO	22404563	09223132211 ✓	✓		43			Regis
7	MARY M. MUEENDO	70424559	0740823206 ✓	✓		60	✓		Regis
8	EUNICE N. DAVID	33116625	0727410978 ✓	✓		30			Regis
9	NICHOLAS M. MUAHIA	7815349	07227416385 ✓	✓		58			Regis
10	FREDERICK K. JULIUS	7042893	0700300481	✓		58			Regis
11	PASCALAT M. MUAHIA	9064014	0715938327	✓		56			Regis
12	RONALD MENTARO	14429965	0722714804	✓		44			Regis
13	ANTHONY MUAHIA	23786727	0920954528	✓		38			Regis
14	EUNICE MUAHIA	12591952	0715273366	✓		50			Regis
15	CHARMBEARD M. MUAHIA	10798738	0725941266	✓		50			Regis
16	JOHN NGATI MUAHIA	1503609	0720679890	✓		67	✓		Regis
17	LUCY NDASI KIRIA	24824388	0715213950	✓		39			Regis
18	ROSEMARY SIMUANGA	12590574	0720207013	✓		50			Regis
19	ROSEMARY A. MUAHIA	3057291	0715073355	✓		60			Regis
20	MARY N. MUAHIA	3056874	0729009579	✓		63			Regis
21	BENARD W. MUAHIA	7409716	0710634534	✓		59			Regis
22	HELEN W. MUAHIA	13424305	0715750325	✓		50			Regis
23	ALICE MUAHIA	34423246	072274146	✓		27			Regis
24	LUCY MUAHIA	11203570	0904183354	✓		45			Regis
25	SILVIA M. MUAHIA	28936923	0715211752	✓		35			Regis
26	ROSEMARY NDASI	27604438	0713295485	✓		35			Regis
27	PENINAT M. MUAHIA	23452786	071725579	✓		43			Regis
28	FRANCIS MUAHIA	11108160	0708567801	✓		52			Regis
29	PENINAT M. MUAHIA	3057291	0715073355	✓		50			Regis
30	BENARD M. MUAHIA	11315943	0720833780	✓		50			Regis

31. Patrick Kieti Mwangi 7042178 0716915738

32. B. Enock M. MUAHIA

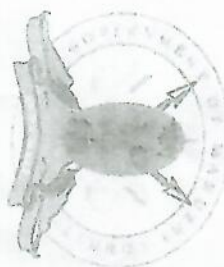
17 53

Regis

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCTA Consultative Meeting Form

- County MAKUGUJI
- Sub County KALINGOZI-GASI
- Ward MITID ANDGI
- Date 11/5/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	5	6	15	1	1
Female	3	9	8	15	1	1
Total	8	14	8	30	1	1

	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
			Male	Female				
1	Dorothea K. Dohm	11162617						
2	Philip M. K. Dohm	18910663		✓	56			B. Dohm
3	Adrian M. Ndeto	23677775	✓		64			Adrian
4	Peter Adani mbuvi	5523944		✓	40			Peter
5	James M. Kithuru	8771389	✓		65			James
6	Isaac M. Mathias	11164105		✓	67			Isaac
7	Eunice T. Nyakosi	8989809		✓	53			Eunice
8	Elizabeth M. Nyakosi	13452449		✓	54			Elizabeth
9	Patricia M. Thambi	7954738		✓	62			Patricia
10	Kenneth Kimani	32599832		✓	55			Kenneth
11	Kyalo K. Kigoda	34722196		✓	32			Kyalo
12	Stephen K. Ndungu	21956658	✓		25			Stephen
13	Redemptus Ndeti	38506089		✓	47			Redemptus
14	Faustin Muriu	25235557		✓	25			Faustin
15	Heleen Kiteu	2854412	✓		38			Heleen
16	Joseph M. Kitionyi	21452822		✓	36			Joseph
17	Muturi Mui	32751707	✓		45			Muturi
18	Brian LOKI	34170607	✓		28			Brian
19	Maria Mangel	3350896	✓		27			Maria
20	Bonnie M. Mwa	23406914	✓		69			Bonnie
21	Magdalena M. Mutitu	27569744		✓	42			Magdalena
22	JANE Mwangi	11271260		✓	41			JANE
23	Josephine Mui	6047050		✓	44			Josephine
24	Fernand Muta	27133496	✓		60			Fernand
25	Esther Mwangi	2977267	✓		30			Esther
26	Rachael Mambu	3413194	✓		68			Rachael
27	Phillip Mwendu	11315850		✓	25			Phillip
28	Mary Mucui	3350896		✓	60			Mary
29	Jessy Mubungu	7954738	✓		40			Jessy
30	Raphael Mwila	23412659	✓		28			Raphael

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REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KIBALEZ EAST
- Ward MTOTO ANDENI
- Date 12/08/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	3	5	13	—	—
Female	4	9	2	15	—	—
Total	9	12	7	28	—	—

	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
			Male	Female				
1	Muriu Mangeli	3350896	0712970742	✓	69			<i>Muriu Mangeli</i>
2	Philip M. Kariyasa	1891063	0724308134	✓	64			<i>Philip M. Kariyasa</i>
3	Dorothy K. John	1162617	0713438659	✓	58			<i>Dorothy K. John</i>
4	Jane Muangany	1127160	0115170599	✓	53			<i>Jane Muangany</i>
5	Junice M. Mwangura	1116405	0727463831	✓	53			<i>Junice M. Mwangura</i>
6	Kamini Kimani	32599832	0704344989	✓	52			<i>Kamini Kimani</i>
7	Junice T. Mwakosi	2789809	0729450135	✓	54			<i>Junice T. Mwakosi</i>
8	Judy M. Ndero	23677725	0724313489	✓	40			<i>Judy M. Ndero</i>
9	Bonny M. Mwika	23406914	0725889805	✓	42			<i>Bonny M. Mwika</i>
10	Patricia M. Tamasu	7954738	0715617197	✓	55			<i>Patricia M. Tamasu</i>
11	Lizabeth N. Muluwa	1345449	0725514014	✓	62			<i>Lizabeth N. Muluwa</i>
12	Rachael Wambua	27131794	0701022124	✓	25			<i>Rachael Wambua</i>
13	Fernand Mwita	27213076	0716057849	✓	30			<i>Fernand Mwita</i>
14	Peter Ndemi Mwangi	5523945	0727175582	✓	65			<i>Peter Ndemi Mwangi</i>
15	Obadiah Mumbi	2977267	0723986329	✓	68			<i>Obadiah Mumbi</i>
16	LAWRENCE KINQOLA	34722196	0708830577	✓	25			<i>LAWRENCE KINQOLA</i>
17	MABATHA MUTIANI	27539744	0724377384	✓	11			<i>MABATHA MUTIANI</i>
18	Francis Lukitu	25935957	0728832407	✓	38			<i>Francis Lukitu</i>
19	Hellen Kibera	26521412	0716663847	✓	36			<i>Hellen Kibera</i>
20	Redempta Nkoti	38506089	0114237198	✓	25			<i>Redempta Nkoti</i>
21	Mutuku Muia	32751707	0728227830	✓	28			<i>Mutuku Muia</i>
22	BRIAN LOKI	34170607	0708786783	✓	26			<i>BRIAN LOKI</i>
23	James M. Kithuku	2777389	0720347754	✓	67			<i>James M. Kithuku</i>
24	Jonathan Muiu	6047080	0713256322	✓	61			<i>Jonathan Muiu</i>
25	Stephen K. Ndung'u	21956658	0701485197	✓	47			<i>Stephen K. Ndung'u</i>
26	JOSPH M. KITONYI	21452822	0720594452	✓	45			<i>JOSPH M. KITONYI</i>
27	Colleta N. Mwanja	1553664	0711329343	✓	34			<i>Colleta N. Mwanja</i>
28	Dorcas K. Mwangi	10174643	0724083769	✓	55			<i>Dorcas K. Mwangi</i>
29								
30								

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County Makueni
- Sub County Aldongor
- Ward Makua
- Date 02/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	1	9	0	10	1	1
Female	1	8	7	16	1	1
Total	2	17	7	26	2	2

S/N	Name	ID	Mobile number	Gender	Age	People living with disability	Minority	signature
1	Mackenzie Mwindi	90101495	0714066124	Male	52			<i>[Signature]</i>
2	Joseph T. Tzomo	11162392	0720222047	Male	53			<i>[Signature]</i>
3	Ned-Juvala Mwanu	9344838	0711433167	Male	54			<i>[Signature]</i>
4	J.K. Mboke	1560612	07114895436	Male	61			<i>[Signature]</i>
5	Joseph Mwandu	6276345	0759062183	Male	62			<i>[Signature]</i>
6	Zipporah Mbithe	01459018	0707984148	Female	40			<i>[Signature]</i>
7	Geoffrey Mwiza	20321893	0723607469	Male	48			<i>[Signature]</i>
8	Imogen Muteka	10978627	0708226454	Female	52			<i>[Signature]</i>
9	Daniel Mutisya	07147766	0712309380	Male	50			<i>[Signature]</i>
10	Alex K. Mushi	1011062	0700499336	Male	62			<i>[Signature]</i>
11	Sammy M. Makha	8347606	07202343951	Male	57			<i>[Signature]</i>
12	Eunice Jant	21343281	0715654075	Female	40			<i>[Signature]</i>
13	Janita M. Tom	26956795	0714568362	Female	35			<i>[Signature]</i>
14	Lorice M. Mwanji	834662	0715688898	Female	50			<i>[Signature]</i>
15	Sahome M. Mushi	22076772	0719428060	Female	42			<i>[Signature]</i>
16	Lucy Mwandu	30223045	0706021438	Female	30			<i>[Signature]</i>
17	Kanini Andrew	26729353	0707506895	Male	36			<i>[Signature]</i>
18	Eveline Mutua	31943179	0745520704	Female	29			<i>[Signature]</i>
19	Hareesa Mutis	0916160	0721311133	Female	74			<i>[Signature]</i>
20	Micael Mwanu	10195124	0728257542	Male	54			<i>[Signature]</i>
21	Titus Kimili	28721226	0714246700	Male	33			<i>[Signature]</i>
22	Geisha Kaleli	7384008	0721530328	Female	60			<i>[Signature]</i>
23	Anast Muta	5062610	0720771513	Female	50			<i>[Signature]</i>
24	Patrick Mwanu	0916243	0706351328	Male	72			<i>[Signature]</i>
25	Isaac Mushi	3324611	0797412618	Male	27			<i>[Signature]</i>
26	Mwaka Mwanu	3058874	0729009574	Male	60			<i>[Signature]</i>
27								
28								
29								
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REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County Makueni
- Sub County Odenda
- Ward Mtaka
- Date 05/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	2	10	4	16	—	—
Female	3	5	2	10	—	—
Total	5	15	6	26	—	—

Muvau / K'umini Wards

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



DEPARTMENT OF LANDS, URBAN PLANNING & DEVELOPMENT, ENVIRONMENT & CLIMATE CHANGE

Email : environment@makueni.go.ke

Web : www.makueni.go.ke





















MEETING TITLE: PCRA - Community Engagement Ward Muvau / K'umini

VENUE: DATE: 26/04/23

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD
	Below 35	35-59	Over 60		
Male	5	6	1	12	1
Female	6	10	2	18	0
Total	11	16	3	30	1

PARTICIPANTS LIST

No	Name	Designation	Gender		Telephone	Age (Yrs)			PWD	Signature
			M	F		Below 35	35-59	Over 60		
1	Patrick M Ngwa	Kaitumba	✓		0725222960		✓			
2	Justus M. Nduka	Kikumin	✓		0713718068			✓		
3	Pauline M. Muir	Kambi Nwae		✓	0713262859		✓			
4	Alice N. Kyeke	Kikumin		✓	0705252655			✓		
5	Margaret M. Nwae	Muday		✓	0715272978			✓		
6	Mathias M. Nwae	Muday	✓		0719553846		✓			
7	Daniel M. Nwae	Muday		✓	0704353185		✓			
8	Anna Nduka	Kikumin		✓	0715672374		✓			
9	Benjamin M. Nwae	Kusa	✓		0797938003		✓			
10	Musombu Nduka	Muday	✓		0758144425	✓	✓			
11	Rose Nduka	Muday		✓	0759654614		✓			
12	Angelina Nduka	Kikumin		✓	0700357778	✓				
13	Daniel M. Nduka	Muday	✓		0706522246	✓				
14	Seraphine M. Nduka	Car		✓	0713154644		✓			
15	Justus M. Nduka	Muday	✓		0725261599		✓		✓	
16	Elizabeth M. Nduka	Muday		✓	0724270093		✓			
17	Imbresa Nduka	Muday		✓	0724270093		✓			
18	Justus M. Nduka	Muday	✓		0706353198	✓				
19	Frederick M. Nduka	Muday		✓	0723230563			✓		
20	Janet M. Nduka	Muday		✓	0712923834		✓			

No	Name	Designation	Gender		Telephone	Age (Yrs)			PWD	Signature
			M	F		Below 35	35-59	Over 60		
20	Nelly Kyalo	keeper		✓	0795554544	✓				✓
21	Bonus Murebe	keeper		✓	0746751440	✓	✓			✓
22	Korothy Ig'orir	WDA		✓	0715831564					✓
23	Miriam Mugo	Kikumini		✓	0701785230		✓			✓
24	Mabwa Mubwa	Kikumini	✓		0743182710		✓			✓
25	Joana Mofe	Kikumini Mofe	✓		0706095110	✓				✓
26	Faith Mutua	Kikumini		✓	0115542122	✓				✓
27	Miriam Murebe	MTE		✓	074257375	✓				✓
28	Maria Murebe	WDA		✓	0722422922		✓			✓
29	CAROLINE MARIAM	MTE		✓	0796842559	✓				✓
30	Faith Murebe	WDA	✓			✓				✓
31	Alicia Murebe	WDA	✓		0728886910		✓			✓
32										
33										
34										
35										
36										

Community Members

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



DEPARTMENT OF LANDS, URBAN PLANNING & DEVELOPMENT, ENVIRONMENT & CLIMATE CHANGE

P.O. BOX 78-90300 MAKUENI

Email : environment@makueni.go.ke

Web : www.makueni.go.ke





















MEETING TITLE: *PCRA - COMMUNITY ENGAGEMENT WARD MUYUWU/15400711*

VENUE: DATE: *27/6/2023*

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD
	Below 35	35-59	Over 60		
Male	<i>6</i>	<i>5</i>	<i>3</i>	<i>14</i>	<i>1</i>
Female	<i>5</i>	<i>10</i>	<i>1</i>	<i>16</i>	<i>0</i>
Total	<i>11</i>	<i>15</i>	<i>4</i>	<i>30</i>	<i>1</i>

PARTICIPANTS LIST

No	Name	Designation	Gender		Telephone	Age (Yrs)			PWD	Signature
			M	F		Below 35	35-59	Over 60		
1	Patience Muna	Mission	✓		07592251492	✓				
2	BENJAMIN S. KIU	KURUK	✓		0797938003		✓			
3	Daniel M. Mumo	WCCPC	✓		0706522246	✓				
4	Musombi Maita	Murua	✓		0758144425	✓				
5	Rose M. NDUNDA	Murua		✓	0759654614		✓			
6	Jacob Musitu	WCCPC	✓		0720264590		✓		✓	
7	ELIZABETH MUSAHA	WCCPC		✓	0724270093		✓			
8	Emberose Mutiso	WCCPC	✓		0724347452		✓			
9	JACKSON NRIKA	WCCPC	✓		0706358598	✓				
10	Fredrick Mwangi	WCCPC (Ch)	✓		0723230585	✓	✓	✓		
11	Hellen M. KYALO	WCCPC Treasurer		✓	0798845444	✓				
12	Ignat M. Soi	WCCPC S.L		✓	0712923834		✓			
13	Jakius M. NDIKA	Community rep.	✓		0713718068			✓		
14	ACE N. KUPUKU	Community rep		✓	0705352655		✓	✓		
15	Angeline NG'AVI	Community rep		✓	0700257718	✓				
16	Pauline MUTHI	Community rep		✓	0713262859		✓			
17	Miriam Mutho	Community rep		✓	0701785230		✓			
18	DANOTHY ICIDHO	WRL44 -		✓	0715071564		✓			
19	Winfred Mutuku	INTERVIEWER		✓	0740257370	✓	✓			
20	Francis Njio	Murua	✓		0752022110	✓				

No	Name	Designation	Gender		Telephone	Age (Yrs)			PWD	Signature
			M	F		Below 35	35-59	Over 60		
21	Kahunge Maka	Muvau		<input checked="" type="checkbox"/>	0758300112	<input checked="" type="checkbox"/>				
22	Margaret C. Mungao	MuVau		<input checked="" type="checkbox"/>	0715272978					
23	Mathias Demungao	Muvau	<input checked="" type="checkbox"/>		0719553846		<input checked="" type="checkbox"/>			
24	Dennis Mibungao	Muvau		<input checked="" type="checkbox"/>	0704357191		<input checked="" type="checkbox"/>			
25	Anda N Kilo	Mukumilo		<input checked="" type="checkbox"/>	0715673274		<input checked="" type="checkbox"/>			
26	Seraphine A Madio	Kikumini		<input checked="" type="checkbox"/>	0713154644		<input checked="" type="checkbox"/>			
27	Patrice M Ngue	Kikumini	<input checked="" type="checkbox"/>		0728227960			<input checked="" type="checkbox"/>		
28	Idandung Mubiga	Community	<input checked="" type="checkbox"/>		0743182710		<input checked="" type="checkbox"/>			
29	Faith Mutea	Community		<input checked="" type="checkbox"/>	0115542122	<input checked="" type="checkbox"/>				
30	Alex Xhamu	Community	<input checked="" type="checkbox"/>		0720886910		<input checked="" type="checkbox"/>			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



DEPARTMENT OF LANDS, URBAN PLANNING & DEVELOPMENT, ENVIRONMENT & CLIMATE CHANGE

P.O. BOX 78-90300 MAKUENI

Email : environment@makueni.go.ke

Web : www.makueni.go.ke

MEETING TITLE: *PCRA COMMUNITY ENGAGEMENT* WARD *MURVAL KIKUMINI*





















VENUE: DATE: *28/04/2023*














SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD
	Below 35	35-59	Over 60		
Male	<i>6</i>	<i>8</i>	<i>3</i>	<i>17</i>	<i>1</i>
Female	<i>5</i>	<i>8</i>	<i>3</i>	<i>16</i>	<i>0</i>
Total	<i>11</i>	<i>16</i>	<i>6</i>	<i>33</i>	

28/04/2023

PARTICIPANTS LIST

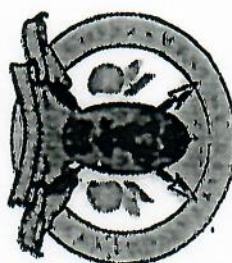
No	Name	Designation	Gender		Telephone	Age (Yrs)			PWD	Signature
			M	F		Below 35	35-59	Over 60		
1	DORCAS KOLENDE	WCCPC		✓	0746751440	✓				
2	DORCAS KOLENDE	WCCPC		✓	0715222186		✓			
3	Margaret C. Mungu	Community		✓	0765272978			✓		
4	Ann N. Kili	Community		✓	0715672274		✓			
5	Serafina N. Natio	Community		✓	0713134644		✓			
6	Patricia N. Ngugi	Community	✓		0728222286			✓		
7	Alice N. Nkomo	Community		✓	0705252655			✓		
8	Angelina A. Ngugi	Community		✓	0700257778	✓				
9	Wambui N. Njoroge	Community	✓		0743182710		✓			
10	Matthew M. Mungu	Community	✓		0719553846		✓			
11	Nathan K. Kiprotich	Community		✓	0704557185		✓			
12	Kahunge Makau	Community		✓	0758300112	✓				
13	Wineed, Njoroge	Community		✓	0745257376	✓		✓		
14	Fredrick Mungu	WCCPC	✓		0723230575			✓		
15	SACKSON Njoroge	WCCPC	✓		0706358598	✓				
16	Josiah Muriu	WCCPC	✓		0725265549				✓	
17	Rose N. Ndundu	Community		✓	0759654614		✓			
18	Mugambi Wairi	Community	✓		0758144425	✓				
19	Daniel M. Mungu	WCCPC	✓		0706522246	✓				
20	BENJAMIN SILE KINYA	Community	✓		0797938003		✓			

No	Name	Designation	Gender		Telephone	Age (Yrs)			PWD	Signature
		M	F	Below 35		35-59	Over 60			
21	Pamela Mulu	Ntulus	✓		0759254992	✓				
22	Alfred M. Noko	Chief	✓		0711351528		✓			
23	Julius R. Nungu	Chief	✓		0727727282		✓			
24	Solomon Mulu	MEBER	✓		0729752679		✓			
25	Pauline K. Mutie	Kambi Mwe		✓	0713262859		✓			
26	Sanet N. Sai	Muteu		✓	0712923534	✓				
27	Neil N. Bato	Mcepe		✓	079554544		✓			
28	Miriam Njoro	Community		✓	0701785230					
29	Francis Njote	Mura	✓		0706098110	✓				
30	Faith Njota	Community	✓		0705664870	✓				
31	Julius M. Njika	Community	✓		0713718068			✓		
32	Alex Njoro	Community	✓		0728886910		✓			
33	Elizabeth Musano	Community			0724220023		✓			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County Makueni
- Sub County Kibwezi West
- Ward Nguu Maumbwa
- Date 28/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	0	14	3	17	0	—
Female	5	7	1	13	1	—
Total	5	21	4	30	1	—

5/5/2023

S/No	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
			Male	Female				
1	ELIZABETH KAMBA	21158986		✓	42			
2	ANNA K. MUSTAKI	9265745		✓	55			
3	JOSEPH M. MUKUKU	7001107	✓		57			
4	DAVID MANA	0739013	✓		54			
5	PETER MUTHAMA KIMBU	07224345633	✓		27	✓		
6	ANN W. NDAKIBUYI	0741383444	✓	✓	23			
7	BONIFACE K. MUSAJUKU	0716596101	✓		38			
8	KASTON MUSAJUKU	0724125660	✓		37			
9	JUSTUS KAROKU	0729794046	✓		45			
10	JOSEPH K. MUSAJUKU	0757257180	✓	✓	33			
11	THOMAS N. MUKIMBE	0726775194	✓		51			
12	MARY K. MUSAJUKU	0704951756		✓	42			
13	JOSEPH K. KIRUKU	0717586740	✓		36			
14	PATRIK M. MUSAJUKU	0728467490	✓		58			
15	DAVID K. MUSAJUKU	0112073737	✓		49			
16	SOPHIA MUKU NDUKU	0711340407	✓	✓	39			
17	MARGARET K. KIRUKU	0726243853	✓		25			
18	JOSEPH K. KIRUKU	0702146509	✓		53			
19	SAMMY K. MUSAJUKU	0722993221	✓		49			
20	DAVID K. MUSAJUKU	0711345887	✓		66			
21	ESTHER MUNO MBOBI	0715247883		✓	49			
22	DAVID K. KIKUMU	07229902609	✓		63			
23	MARGARET K. KIRUKU	0722206851	✓		56			
24	PETER S. MUSAJUKU	0727852444	✓		50			
25	MARGARET M. MUSAJUKU	0724353298	✓		46			
26	MIRIAM N. NDIETE	0708743672	✓	✓	32			
27	ELIZABETH MUSAJUKU	0725566226	✓	✓	27			
28	CECILIA MUSAJUKU	0716867175	✓	✓	34			
29	ELIZABETH MUSAJUKU	0725566226	✓	✓	37			
30	ELIZABETH MUSAJUKU	0725566226	✓	✓	37			

31 Talia
32 Alice
33 Miriam

MUSAJUKU
NANDU
MUNDO

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2809195

071686772-
0704972573
071255058

✓
✓
✓

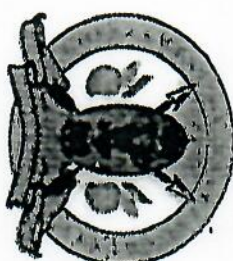
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REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY

































PCRA Consultative Meeting Form

- County Makueni
- Sub County Makuezi West
- Ward Nyuki Masumbwa
- Date 08/05/2023

SUMMARY OF PARTICIPANTS

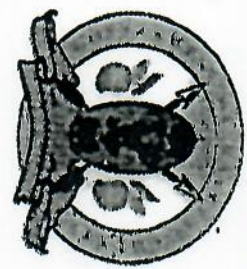
Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	0	14	3	17	0	—
Female	5	7	1	13	1	—
Total	5	21	4	30	1	—

S/No	Name	ID	Mobile number	Gender	Age	People living with disability	Minority	signature
1	Patrice M. Musyri	7797982	0728467490	Male <input checked="" type="checkbox"/>	58			
2	Elizabeth N. Nambwa	2115598	0720 265 834		42			
3	Mary R. Muiya	21086518	0704951756		42			
4	Joseph M. Mutuku	7091507	0726054882	✓	56			
5	Mathew N. Muiya	14423510	0724353292	✓	50			
6	Peter S. Mwendu	5364833	0727853 244	✓	54			
7	Mwambwa Mwindi	9639478	0727206851	✓	52			
8	Esther M. Mbatia	12721703	0715247823		49			
9	David K. Kikumi	1322200	0722902609	✓	63			
10	Boniface K. Musando	24438266	071011695	✓	38			
11	Stephen K. Muthika	28871120	0757257120	✓	33			
12	Peter Muthama Kimani	33053886	0741383444	✓	27			
13	Miriam Ndoro Ndeti	13616832	0723605844		46			
14	Sophia Neki Nderu	242714457	0711340407	✓	39			
15	Justus K. Katana	20608929	0729794040	✓	45			
16	Haston M. Musyoki	24932060	0724125660	✓	37			
17	Ann W. Ndambuki	2193200	0716 596 101	✓	33	✓		
18	Daniel K. Ngunia	3484996	0711345887	✓	66			
19	Sammy K. Nyali	1272162	0729993221	✓	49			
20	Thomas N. Mulinge	13764503	0726775194	✓	51			
21	Manzano Kibungo	4638349	0726293853	✓	66			
22	David M. M. M. M. M.	10739013	0724745633	✓	59			
23	Joseph K. K. K. K.	9089667	0702146509	✓	53			
24	Anna L. Musyoki	9265145	0728289257	✓	55			
25	Daniel K. Muiya	20723618	0112073937	✓	49			
26	Jonathan K. Kivira	26214892	071506740	✓	36			
27	Cecilia Muthika	16867176	0716867175	✓	34			
28	Elizabeth Muthika	25666226	0725566226	✓	32			
29	Erica Muthika	28295820	0716867175	✓	27			
30	Ann Mwendu Musyoki	9265145	0728289257	✓	61			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KIANGA WEST
- Ward Ng'undo
- Date 10-05-2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	6	1	11	2	1
Female	7	12	1	20	0	1
Total	11	18	2	31	2	1

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
1	Nelonia Maitinga	9751748	0720907554	Male	Female	over 35	-	-	11
2	Angelika Nalundq	31489589	0727043007		✓	135		-	11
3	Simon Mambwa	26553956	0710879808	✓		35			11
4	Stanley M. Mumbwa	32183382	0714768134		✓	35			11
5	STADRAK NDEI	33620156	0711503378	✓		135			11
6	TOBIAS M. HUTU	8347857	0729146206	✓		435			11
7	SIMON K. MULLI	82197884	0720760783	✓		over 35			11
8	Janet M. Mawiki	29113908	07114810077		✓	over 35			11
9	BEATRICE M MBUNI	11623705	0703214772		✓	over 35			11
10	WUMIFEC K. MANGI	2627925	0722257127	✓		over 35			11
11	Samuel M. Mumbwa	8057845	0716641731	✓		40			11
12	Phycon Mumbwa	25790226	0795229486	✓		59			11
13	Samuel Mumbwa	2439117	0701281825		✓	42			11
14	Benny K. Mumbwa	28430786	0710319982	✓		40			11
15	STANLEY MUMBWA	6264019	0721597989	✓		135			11
16	James MBITHI	14615577	0722591823	✓		135			11
17	Richard N. Nithura	2272223	0704631980	✓		135			11
18	Obadiah Nalund David	7043786	072144090	✓		135			11
19	CHRISTINE MUMBWA	2886380	0717196428	✓		135			11
20	James Mumbwa	2095591	0721249746	✓		135			11
21	PETER M. NGULI	7793156	0702433285	✓		135			11
22	James Mumbwa	13594361	0711533175	✓		135			11
23	John K. Mumbwa	1498899	0721106396	✓		40	blind		11
24	Judy Mumbwa	35916459	0707388716	✓		over 35			11
25	WUMIFEC K. MUMBWA	20553108	0729744580	✓		135			11
26	Titus N. Mumbwa	11814955	0725923228	✓		over 35			11
27	JOHN KENNEDY MASILA	30082469	0701797107	✓		over 35			11
28	Benedict Mumbwa	13391031	0725833985	✓		over 35			11
29	FREDERICK M. MUMBWA	23722053	0726085555	✓		over 35			11
30	Elizabeth K. Kimwele	30681147	0718530446	✓		over 35			11

31. Rodah M. Mumbwa 6264061 0711763147 ✓ 63

Titus M. Mumbwa 11814955 0725923228 ✓

Community

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY





























PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KIBIKI
- Ward AGUNU
- Date 9/5/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	23	7	2	12	2	
Female	25	10	3	18	0	
Total	8	17	5	30	2	

S/No	Name	D	Mobile number	Gender		Age	People living with disability	Minority	signature
1	Quarries T. Juso	13594361	0711533175	Male	Female	35	Pwd		
2	Obadiah N. Ndele David	7043786	0721440090	✓		Above 35			
3	John K. Komeny	1498204	0721106396	✓		11			
4	Monica M. Muthiga	9751748	0720907534		✓	11 35			
5	Samuel M. Muthiga	6264019	0721597989	✓		Above 35			
6	John Kennedy Masila	30082269	0701797107	✓		Below 35			
7	Peter M. Ngulu	7793156	0702433285	✓		65			
8	Benedict M. Muthiga	13791037	0728233985	✓		45			
9	Tobias M. Muthiga	8347857	0729146206	✓		55			
10	Jackson N. Ndele	20958983	0721249746	✓		44			
11	Christine M. Muthiga	25856380	0711126425		✓	38			
12	Simon M. Muthiga	26553956	0710879808	✓		35			
13	James M. Muthiga	14615571	0722591823	✓		49			
14	Alaxtra N. Ndele	31489589	0727043007		✓	435			
15	Judy M. Muthiga	35916159	0702388716		✓	435			
16	Stanley M. Muthiga	32633382	0714768134	✓		435			
17	Shadrack Ndele	33620156	0711503378	✓		435			
18	Brind Muthiga	88430786	0710319982	✓		435			
19	Beatrice M. Muthiga	11623705	0703214772		✓	48			
20	Janet M. Muthiga	29113908	07114816677	✓		40			
21	Caroline U. Muthiga	2172643	0728348625	✓		4			
22	Rodah. W. Muthiga	6264061	0114753447	✓		63			
23	Simon K. Muthiga	22191884	0720760783	✓		735			
24	Jennifer M. Muthiga	8057845	0716645755	✓		59			
25	Richard N. Muthiga	2272223	0704631980	✓		67	✓		
26	Elizabeth K. Kimwele	30651147	0718530446	✓		30			
27	Jennifer M. Muthiga	24319117	0701281625	✓		40			
28	Richard M. Muthiga	25790326	0795229488	✓		40			
29	Frederick N. Muthiga	23722053	0726085555	✓		43			
30	Winfred K. Muthiga	2627925	0722-257127	✓		✓			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



DEPARTMENT OF LANDS, URBAN PLANNING & DEVELOPMENT, ENVIRONMENT & CLIMATE CHANGE

Email : environment@makueni.go.ke

P.O. BOX 78-90300 MAKUENI

Web : www.makueni.go.ke



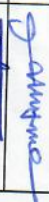
MEETING TITLE: PCRD - Community Engagement WARD Ndau/14/11/Kalamba

VENUE: Atara Resort DATE: 27/04/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD
	Below 35	35-59	Over 60		
Male					
Female					
Total					

PARTICIPANTS LIST

No	Name	Designation	Gender		Telephone	Age (Yrs)			PWD	Signature
			M	F		Below 35	35-59	Over 60		
1	LORRENE N. KIMOTA	Member	M		07254410		✓			
2	JOSEPH WAMBAYA	Member	✓		0711298140	✓				
3	JOSEPH K. MURUGA				07412085711					
4	NICODENAS M. NGETA	Member	✓		0793560621	✓				
5	LEWY M. MUKI	Member		✓	078775699		✓			
6	DAVID KUSUMU	Member	✓		0726377052	✓				
7	REBECCA KUKU	Member		✓	071629597b		✓			
8	JOYCE MURUGA	cc chair	✓		0791822430		✓			
9	JOSEPH M. KIMOTA	Member		✓	0726485641		✓			
10	JOSEPH M. KIMOTA	Member		✓	01116539444		✓			
11	MURUGA KUKU	cc Vice	✓		0707224699		✓			
12	JOSEPH M. KIMOTA	Member	✓		0710700435	✓				
13	PURITY M. KIMOTA	Member	✓		0712572579	✓				
14	KIMOTA KIMOTA	Member	✓		0727943319		✓			
15	HARRISON N. KIMOTA	Member	✓		0723591521		✓			
16	STRAH D. RICHARD	PLA MTA	✓		0713135703		✓			
17	JUDY M. MURUGA	Member	✓		0745129144	✓				
18	FLORENCE NYAMAI	Member	✓		07092280408		✓			
19	EUGENE M. KIMOTA	Member	✓		0788845645		✓			
20	NICODENAS KIMOTA	Member	✓		0113081553		✓			

PARTICIPANTS LIST

[illegible]

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



DEPARTMENT OF LANDS, URBAN PLANNING & DEVELOPMENT, ENVIRONMENT & CLIMATE CHANGE

Email : environment@makueni.go.ke

Web : www.makueni.go.ke

MEETING TITLE: *PLHA COMMUNITY ENGAGEMENT* WARD *DAULIKILI/KATANGA*
VENUE: *ACACIA RESORT* DATE: *28/04/2023*

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD
	Below 35	35-59	Over 60		
Male					
Female					
Total					

PARTICIPANTS LIST

No	Name	Designation	Gender		Telephone	Age (Yrs)			PWD	Signature
			M	F		Below 35	35-59	Over 60		
1	Pr Paul M. Ngunjiri	pastor	✓		0742977292		✓			<i>[Signature]</i>
2	Josiah Mwangi	Member	✓		0742085011			✓	✓	<i>[Signature]</i>
3	Nicodemus M. Ngeti	Member	✓		0793580621	✓				<i>[Signature]</i>
4	MUA MUGI	CCc Vice	✓		0707224699		✓			<i>[Signature]</i>
5	CATHERINE KYENGA	member		✓	0792727297		✓			<i>[Signature]</i>
6	JOSEPH M. WAMBUI	member	✓		0711829340	✓				<i>[Signature]</i>
7	Kenzie Ndundu	Member		✓	0727943314		✓			<i>[Signature]</i>
8	Joyce Mwangi	WCC Chair		✓	0791822430		✓			<i>[Signature]</i>
9	Florence M. Nyamari	Member		✓	0707280408		✓			<i>[Signature]</i>
10	Bonfem Ngũgũ	Member	✓		0700033331	✓				<i>[Signature]</i>
11	SERAH D. RICHARD	P/A MCA		✓	0713135703		✓			<i>[Signature]</i>
12	David Musingi	Member	✓		0726377052	✓				<i>[Signature]</i>
13	Sylvia Muiy	EC Treasurer	✓		0757419720			✓		<i>[Signature]</i>
14	JUDY M. Mwangi	MEMBER		✓	0745129144	✓	✓			<i>[Signature]</i>
15	Lazarus Ngunjiri	Member	✓		0721544110		✓			<i>[Signature]</i>
16	Eunice K. Muliya	Member	✓	✓	0710305158	✓				<i>[Signature]</i>
17	NZOLEKE Bendi	Member	✓		0113081555		✓			<i>[Signature]</i>
18	Alex M. Nutha	SCCFC	✓		0725450325		✓			<i>[Signature]</i>
19	JOSEPH M. Muiy	MEMBER		✓	0726455641		✓			<i>[Signature]</i>
20	ONESMUS M. KIMOLA	MEMBER	✓		0710700435	✓				<i>[Signature]</i>

Community

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County Makueni
- Sub County Kibwezi
- Ward THANGE.
- Date 9/5/2023

SUMMARY OF PARTICIPANTS

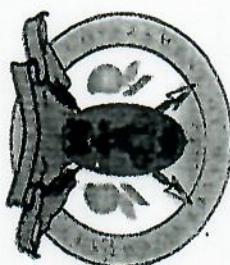
Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	8	3	15		
Female	3	13	0	16		
Total	7	21	3	31		

S/N	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
1	David Mateny Mawunda	9664230	Male		55			
2	IONEL NGELI KIMATI	6137941	✓		60			Mateny
3	CHAILI WIMBUT KESERO	24426467	✓		37			
4	CINTRIPS JOHNA MORA	8963116	✓		65			
5	SIEDRICK MUTUKU MBALUKA	32378772	✓		29			
6	CETOGGE NDIKI ILELI	13792932	✓		45			
7	PICISON MUALE MUDAY	1356651	✓		63			
8	BENARD MUKU NAJILA	31496225	✓		30			
9	PERMANIA NIMONG MUTU	2833244		✓	36			
10	AGNES MUYATO	27933106		✓	34			
11	JOSEPHINE Klambug	31830707	✓		40			
12	CHRISTINE MURUKA	25589261	✓		35			
13	LUKE JOSEPH	25989593	✓		38			
14	JACKLINE MUKISO	39082540	✓		33			
15	RABECCA MUKERU	7364108	✓		59			
16	DAVID KASOKI	21180127	✓		45			
17	CHALO MUYAT MOWO	13486463	✓		46			
18	MALILA JAMES (MURUKA)	28662282	✓		36			
19	LUCKY MALINDA	21938329	✓		43			
20	Virginia Mutuku	26979930		✓	40			
21	MIRIAM M. N-LENGE	44178838	✓		41			
22	MARILYN M. WILLY	11129612	✓		50			
23	FATHI MARIYTA MULEWU	831461375	✓		39			
24	CAROLINE KYENGO	20232064	✓		44			
25	ELIDA MUTHI	24154969	✓		39			
26	MARY DANIEL KIMEI	1555153	✓		63			
27	JOE N JOSEPH	28611595	✓		31			
28	PATRICI KUTTINGA	23436044	✓		35			
29	Phunstone LUTU	9224955	✓		53			
30	Phutug Faith	42070564	✓		19			
31	Mwinda Kimen	11162856	✓		50			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KIRWEGE EAST
- Ward THANGE
- Date 10/5/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	3	11	2	16	—	—
Female	3	12	0	15	—	—
Total	6	23	2	31	—	—

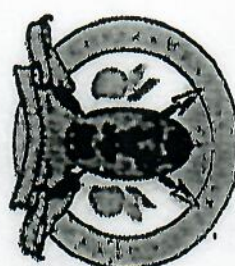
S/No	Name	Mobile number	Gender	Age	People living with disability	Minority	signature
1	ANIES MUYAO	27933906	Male	34			
2	DAVID KASYOKI	21180127	✓	45			
3	EMDA MUTE	24154969		39			
4	MARY DANIEL KAMEI	1555153	✓	63			
5	CHARLES JUMAN MEYA	8963116	✓	65			
6	LUCY JOSEPH	25989593	✓	38			
7	JOE N JOSEPH	28611595	✓	31			
8	CAADYNE KYENGO	20222064		45			
9	Sammy Mwindi Kameu	1162856	✓	50			
10	CHALO MUYA	13426463	✓	46			
11	DAVID MATITHA MAMBU	9064232	✓	55			
12	CAROLINE MUSTOKA	25889261	✓	38			
13	PICKSON MUIA MUAU	1356651	✓	63			
14	Isaac Njoki Njaila	3149623	✓	30			
15	RABECCA MUKETU	7364108		59			
16	Christine Muti	9224955	✓	53			
17	Faith Wanjira Mulevu	23461375	✓	39			
18	MUTHA FAITH	42010564	✓	19			
19	Miriam R. Njoroge	24172338	✓	41			
20	Maria James	28662282	✓	36			
21	Virginia Mutua	24919930	✓	40			
22	JOSEPHINE WAMBUA	31230707	✓	40			
23	Remonice mutua	28333430	✓	36			
24	KALITI NTHIHA	25438064	✓	38			
25	LUCY MALINDA	21938329	✓	43			
26	CHITAI WAMBUA KYESHO	24426469	✓	37			
27	George Njoki Ileri	13792932	✓	49			
28	STEPHACK MUISIKU	32378772	✓	29			
29	MARIND M. WILLY	11679612	✓	52			
30	JACKLINE MUTHIA	29082140	✓	33			

(15)

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form






- County MAKUENI
- Sub County MBOONI
- Ward TUMBAKI
- Date 05/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	3	9	5	15	1	1
Female	4	12	0	16	1	1
Total	7	19	5	31	2	2

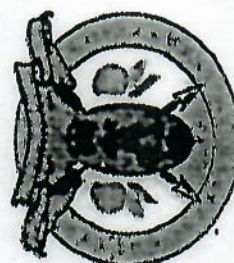
PARTICIPANTS LIST

S/N	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
1	STELLA MUMU	27720893	0725063788	Male					
2	PHILIP K. MUCILI	30374422	0725789885		Female	28			
3	PAULIE M. MUSTOKA	12592478	0711370631			50			
4	SHARON W. MUKHWE	31026660	0796276767			33			
5	BEATRICE N. KIOLO	7797567	0711923854			59			
6	NELSON K. MATHABU	31080534	0110002918			42			
7	ABEBON C. M. NGARA	21923246	0727744830			30			
8	ALEX MURUA	29679342	0713822649			32			
9	KIVURU NABUKI	10860672	0715370200			33			
10	IRENE M. MARIANI	28223743	0712599795			50			
11	DAVID M. MURITI	1344486	0724582892			60			
12	INDITU K. MURITU	29213386	0716309240			33			
13	JOSEPH KIMILU	28875392	0708961130			50			
14	ROSE NTHENTA MURISA	12446996	0710354972			50			
15	BRUNIDICHO K. KIVURU	12592692	07122629115			50			
16	JOSEPH M. KINYEBA	3035257	0729927505			67			
17	IRAKORU M. MURUTU	20666080	0728359962			48			
18	IMMACULATE NYAMU	38179973	07024311506			23			
19	JOSEPH M. NDOLO	1454494	0722771470			67			
20	FRANCIS K. KISINDA	2841509	0714837404			33			
21	FLORENCE N. MURU	21208072	0727243495			42			
22	JOSEPHINE MURUNDA	10968170	0741361235			51			
23	IRATIE M. MURUA	25605015	0726087603			36			
24	JOSEPH M. NYENYI	649574	0722-645371			67			
25	FREDRICK K. MURUKU	32850654	0748387976			27			
26	SAMUEL M. KURU	3034030	0720875958			70			

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
27	DORINE NZILAN KASYOKI	34858395	0719354179	Male	Female	25	N/A	N/A	
28	NICHOLAS M. MURATE	35662867	0708433241			24	N/A	N/A	
29	FUNICE - M. MURUNGA	32594360	0716473242			26	N/A		
30	VICTORIA M. NDOLU	27402517	0714545867			42			
31	FRANCIS KISINGA	28415096	0714837404			33			
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REPUBLIC OF KENYA

GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MBARANI
- Ward TOHMANI
- Date 15/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	5	4	14	1	1
Female	5	11	1	17	1	1
Total	10	16	5	31	1	1

S/N	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
1	Philip K. Muli	3037422	0729789885	Male		68	N/A		Philip
2	Francis K. Njiru	28415095	0714837404	M		100th			Francis
3	Joseph M. Kinyo	3035257	0729927505	V		67	N/A		Joseph
4	Josephine Muriel	10968170	0741361235		V	51	N/A		Josephine
5	Joseph M. Njiru	614594	0722-645371	V		66		1	Joseph
6	Joseph M. Njiru	149494	0722-711470	V		67			Joseph
7	Bathia M. Kioko	7797567	0711923854		V	66			Bathia
8	Irene M. Mwangi	28223743	0712599795		V	33	V		Irene
9	David M. Muli	1344486	0724582892	V		60			David
10	Jackson N. Kariuki	20666060	0729359962	V		48			Jackson
11	Edward K. Muriuki	32850654	0743387976	V		27			Edward
12	Kivuthi Ngugi	10860872	0715370200	V		52			Kivuthi
13	Rose Njiru Muriuki	12446996	0710354972		V	50			Rose
14	Judith K. Muriuki	29213380	0710307240		V	29			Judith
15	Victoria M. Ndolo	27402597	0714545887		V	41			Victoria
16	Sharon W. Muriuki	31026660	0796276767		V	33			Sharon
17	Ilmorog N. Muli	21208072	0722245495		V	42			Ilmorog
18	Nelson K. Muriuki	31080534	0110002918	V		55			Nelson
19	Immaculate N. Njiru	28179473	0702434505		V	23			Immaculate
20	Medha Njiru	13677929	07181488426	V		46			Medha
21	Rebecca M. Muriuki	25625015	07126051603		V	36			Rebecca
22	Pauline M. Muriuki	12572478	0711370631		V	50			Pauline
23	Benjamin K. Kariuki	12591622	0722629115	V		50			Benjamin
24	Benjamin M. Njiru	21923746	07227784830	V		42			Benjamin
25	Alex Muriuki	25677992	0713882649	V		30			Alex
26	Samuel M. Kiriuki	3034030	0720875958	V		70			Samuel
27	David M. Muriuki	33594360	0716473442	V		26			David
28	Dorine N. Kariuki	34858395	0719354179		V	25			Dorine
29	Michael M. Muriuki	35862867	0708433241	V		24			Michael
30	Stella Muriuki	27720893	0725063788	V		29			Stella

31

Joseph Kimani

28875392

0748828025

12

31

Joseph Kimani



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KAITI
- Ward UKIA
- Date 10-05-2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	4	9	2	15	1	—
Female	2	11	2	15	0	—
Total	6	20	4	30	1	—

S/N	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
1	Douglas Muvu	2134 7796	0780490 426	Male		45			
2	VIGORIA S. MUNDGELA	22154763	0701845977		✓	40			
3	Fridah M. Mwendu	30598543	0743090442		✓	34			
4	PETER MUMBUWA	25312819	0793696196	✓		36			
5	GIDEON K110	29821310	0713245423	✓		30			
6	MPHENCE K110	7641186	0796799142		✓	62			
7	VIGOR M. KIMUYA	25389115	0707850110		✓	56			
8	Esther K. Mlongo	201848402	0718450902		✓	55			
9	JOSEPH K. MUKETEELI	25269665	0720422511	✓		35			
10	CHAKSO K. MUIA	3013683	0721445532	✓		62			
11	FRANCIS MUMU	30145790	0701000391	✓		30	✓		
12	PAUL M. MUKATU	3455410	0711334593	✓		78			
13	STEPHEN M. KASIMU	21445715	0702579756	✓		42			
14	Emmanuel K. Mutala	12409185	0705910856	✓		50			
15	Esther S. Kaulinda	20349776	0727903507		✓	45			
16	Benjamin M. Mbuli	20879432	0721859747	✓		45			
17	Benjamin Muteti	24730586	0727233705	✓		36			
18	Harrison Kyalo	30894671	0710511819	✓		29			
19	Esther K. Mungao	22075315	0718653203		✓	42			
20	Moses MSHITATI	22070768	0713579367	✓		38			
21	AGNES M. VILI	11623336	0703642126		✓	50			
22	MARTINA K. MALLE	11255760	0729244683		✓	50			
23	DOROTHY M. MTOLE	1267760	0725913651		✓	40			
24	JOSLING M. Mutha	2783338	Chage	✓		49			
25	Mary Bokki	22718320	0711243196		✓	32			
26	NICHOLAS K101	11361889	0718026987	✓		53			
27	JEANICE N. KIMATA	32739879	0714398177		✓	39			
28	Isaac Nyoma	24604668	0710183858	✓		34			
29	Agnete Mwindi	10761979	0111212023		✓	36			
30	Esther N. Mwendu	32062817	0701342101		✓	33			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUEENI
- Sub County KAITI
- Ward UKIA
- Date 09/05/2022

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	9	8	3	18	1	1
Female	1	11	3	12	0	1
Total	8	19	3	30	1	1

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
				Male	Female				
1	BEJAMINI M. MBULU	20579432	0721859747	✓		46			
2	Victoria S. MANDICCA	22154753	0701845977		✓	40			
3	FRANKI M. MANDIBO	30598543	0743090442		✓	34			
4	EMMANUEL K. MUGAÑA	12469185	0905970850	✓		50			
5	PAUL M. MUKAUA	354410	0711334593	✓		75			
6	AGNES M. NILI	11623336	0703642126		✓	50			
7	MADJIDA L. MALILE	11255760	0729244683		✓	50			
8	ESTHER S. KELINDA	20349776	0727903507		✓	45			
9	ESTHER K. MUNGABO	22075315	0718653263		✓	42			
10	STEPHEN M. KASIMU	221445115	0702519756	✓		42			
11	PETER K. MAMBA	2212819	0793695176	✓		35			
12	ESTHER K. KIBONGO	3026593	0718490902		✓	55			
13	VIGINIA MUKIMUYA	12589115	0707856110		✓	55			
14	MOSES MUTHI	2225768	0713579367	✓		38			
15	BENJAMIN MUTETI	2993586	0722237054	✓		36			
16	NIRBITA KIOLO	11361889	0718026967	✓		53			
17	JACKSON K. MUIA	3013683	0721445532	✓		62			
18	BENJIE K. KIMATA	22739879	0714358177		✓	39			
19	BOROTHY M. NTOLE	12367760	0725913651		✓	40			
20	JOSEPH K. MUTEELI	25269565	0720422511	✓		35			
21	GIBEDON KIID	2982310	0713245423	✓		30			
22	ALFONCE KIID	7041186	0796799142	✓		62			
23	JOSEPH KISILU	21347796	070577237	✓		45			
24	FRANKI MUMBO	30145190	0701600391	✓		30	✓		
25	PETER M. MUKAUA	35...							
26	HARRISON KYALO	30894677	0710511819	✓		29			
27	ISAAC NYGOMA	24604668	0710183858	✓		34			
28	JABUA M. MUTIBO	29833353	07112493196	✓		49			
29	MARY WOKI	22718320	07112493196		✓	32			
30	ESTHER M. KILONGO	32083817	0701342161		✓	33			
31	ANGELA MUMBE	10761659	011212023		✓	36			

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



DEPARTMENT OF LANDS, URBAN PLANNING & DEVELOPMENT, ENVIRONMENT, ENVIRONMENT & CLIMATE CHANGE
 Email : environment@makueni.go.ke
 P.O. BOX 78-90300 MAKUENI

Web : www.makueni.go.ke

MEETING TITLE: *PERA COMMUNITY ENGAGEMENT* WARD *WOTE/NZIU*
 VENUE: *AKUA RESORT* DATE: *26/04/23*

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD
	Below 35	35-59	Over 60		
Male	3	8	3	14	
Female	5	10	1	16	1
Total				30	

PARTICIPANTS LIST

No	Name	Designation	Gender		Telephone	Age (Yrs)			PWD	Signature
			M	F		Below 35	35-59	Over 60		
1	Richard Kiyue	Chairman CCF	✓		0743244730		✓			<i>[Signature]</i>
2	ARON K. Muriu	Dev. Comm	✓		0724802097		✓			<i>[Signature]</i>
3	REUBEN KIMANGE	Dev. Comm	✓		079296226	✓				<i>[Signature]</i>
4	PHILIP M. KAMUKU	Dev. Comm	✓		072795428			✓		<i>[Signature]</i>
5	Christine Mwakali	Comm. H		✓	0703880106	✓				<i>[Signature]</i>
6	Enrice DTHANZA	Comm. H		✓	072604570	✓			✓	<i>[Signature]</i>
7	Jacinto Mwangi	Comm. H		✓	0716357684					<i>[Signature]</i>
8	Joyce Musyoka	CRV	✓		070414756			✓		<i>[Signature]</i>
9	Veoniant Kioyo	Former leader	✓		0712336871		✓			<i>[Signature]</i>
10	CHRISTINE KIMUNA	+Rep	✓		0719534171	✓	✓			<i>[Signature]</i>
11	JARRET - M. MURUN	Dev. Member	✓		0726894446					<i>[Signature]</i>
12	Monica K. Kioyo	Dev. Member	✓		072134744		✓			<i>[Signature]</i>
13	Julius M. Mbeli	Community	✓		0704136100		✓			<i>[Signature]</i>
14	Paul Ngumi	Community	✓		0715672374		✓			<i>[Signature]</i>
15	FELIX KIBITHI	Dev. Speaker	✓		0721588210	✓				<i>[Signature]</i>
16	KILANDO F. MURUNGI	Dev. Committee	✓		0710617417		✓			<i>[Signature]</i>
17	LEONARD MUKANDA	VICAR	✓		0158253112		✓			<i>[Signature]</i>
18	Geoffrey Mubwa	Community	✓		0726692782		✓			<i>[Signature]</i>
19	IRIDE M. MURHOLA	Dev. Comm.	✓		0797311473		✓			<i>[Signature]</i>
20	FLORENCE M. NZAU	Dev. Comm.	✓		0713577810	✓				<i>[Signature]</i>

Moi | Nzuri WARD

REPUBLIC OF KENYA

GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MAKUENI
- Ward Moi Nzuri WARD
- Date 26/04/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	11	3	19	—	—
Female	9	13	1	23	—	—
Total	14	24	4	42	—	—



WIEINZIU WARD



GOVERNMENT OF MAKUENI COUNTY

DEPARTMENT OF LANDS, URBAN PLANNING AND DEVELOPMENT, ENVIRONMENT & CLIMATE CHANGE
P.O. BOX 78-90300 MAKUENI

MEETING TITLE: PCRA COMMUNITY ENGAGEMENT

VENUE: ACTUA

DATE: 28/04/2023

NO	NAME	DESIGNATION/ ORGANIZATION	PHONE	GENDER M/F	AGE GROUP			SIGNATURE
					<35	35-60	>60	
1.	Bictas Muriada Kile	Chairman C.C. Comm	0743 246 730	M.		✓		
2.	Mwanza Makiu	Pinid C.C. Committee	0728548722	M.		✓		
3.	Geoffrey K. Muliwa	Member WDA	0726692782	M.		✓		
4.	Veronica Kiroo	Farmers representative	07123336871	F		✓		
5.	Naomi K. Kiroo	Dev. Comm.	0716893326	F		✓		
6.	IRIDE M. MUTHOKA	Dev. Comm.	0797311473	F		✓		
7.	Julius M. MBALI	Community member	0704136100	M.		✓		
8.	ELIX TIBITI	Community member	0721528320	M.	✓			
9.	KILODZO F. KANGI	Dev. Committee	0710617417	M.		✓		
10.	Joseph N. Kisiulu	Dev. C	0715534744	M.		✓		
11.	Joseph M. Ndamau	Dev. C. Member	0717644414	M.		✓		
12.	MAGABANE M. MUTHINI	Dev. C. Member	0780426547	F		✓		
13.	CHRISTINE N. KIVUA	Dev. C. Member	0719534171	F	✓			
14.	FLORENCE K. NZAU	Dev. C. Member	0713577810	F	✓			
15.	ANGELINA K. MBULU	Dev. C. Member	0713059975	F		✓		
16.	LEONARD MUKANDA	Dev. C. Member	0758253112	M.		✓		
17.	Monica K. KIROO	Dev. C. Member	0721344744	F		✓		
18.	STANLEY - M. NUSU	Dev. C. Member	0726894444	F.		✓		
19.	THABAEU Makueni	Dev. C. Member	0727444444	F.		✓		



DEPARTMENT OF LANDS, URBAN PLANNING AND DEVELOPMENT, ENVIRONMENT & CLIMATE CHANGE
P.O. BOX 78-90300 MAKUENI

MEETING TITLE: VENUE: DATE:

NO	NAME	DESIGNATION	PHONE	GENDER M/F	AGE GROUP			SIGNATURE
					<35	35-60	>60	
1.	AARON K. KAMU	Dev. Comm	0724 802097	✓		✓		<i>[Signature]</i>
2.	REUBEN N. KIMANE	Dev. Comm	0999929626	✓		✓		<i>[Signature]</i>
3.	WINFRED M. KITIVI	Dev. Comm	0716534441	✓		✓		<i>[Signature]</i>
4.	RICHARD K. MUTHANGA	Dev. Comm.	0704375980	✓			✓	<i>[Signature]</i>
5.	ALEX NEMBELE	Dev. Comm	0917422900	✓		✓		<i>[Signature]</i>
6.	RICHARD K. KUISYIA	Dev Committee	0714323988			✓		<i>[Signature]</i>
7.	PATILIP K. KUISYIA	Community	0777933380	✓	✓	✓		<i>[Signature]</i>
8.	CHRISTOPHER MUKALI. MURANA	Community (Toots)	0703880106	✓	✓	✓		<i>[Signature]</i>
9.	EMILIE NITANZE	RWD Representative	0796604570	✓	✓	✓		<i>[Signature]</i>
10.	PAUL NGUMU	Wet Nzi Ward	0715622374	✓			✓	<i>[Signature]</i>
11.	JACINTA LUMBURO	Member	0716351680	✓			✓	<i>[Signature]</i>
12.	JOYCE MUSYOKA	DEV COMMITTEE	0704147560	✓	✓		✓	<i>[Signature]</i>
13.	JANUARI MBOIRYU	Ward Administrator	0712085350	✓		✓		<i>[Signature]</i>
14.	HENRY MALIKU	S.WIA	0710163328	✓		✓		<i>[Signature]</i>
15.	EDDAS MUKUNDU	W.D.O	0724377848	✓				<i>[Signature]</i>
16.	MICHAEL M. MURU	S.W.A	0702291403	✓	✓		✓	<i>[Signature]</i>
17.	REDEMPA W. KALENIE	PJO WOTE/NZIU	0701841457	✓	✓		✓	<i>[Signature]</i>
18.	JOHN MUTHANA MATITHA	WLED Wote/Nziu	0701014003	✓			✓	<i>[Signature]</i>
19.	GILFITH MUMENDU	WATER OFFICER	0708098023	✓		✓		<i>[Signature]</i>
20.	JULIUS KIMUNGU	W.D.O.	07196311987	✓			✓	<i>[Signature]</i>

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



DEPARTMENT OF LANDS, URBAN PLANNING & DEVELOPMENT, ENVIRONMENT & CLIMATE CHANGE

Email : environment@makueni.go.ke

P.O. BOX 78-90300 MAKUENI

Web : www.makueni.go.ke

MEETING TITLE: *PCRA COMMUNITY ENGAGEMENT*

WARD: *WOTE/NZIU*

VENUE: *ACA CIA RESORT* DATE: *28/04/2023*

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD
	Below 35	35-59	Over 60		
Male	<i>2</i>	<i>7</i>	<i>1</i>	<i>10</i>	
Female	<i>3</i>	<i>8</i>	<i>1</i>	<i>12</i>	<i>0</i>
Total					

No	Name	Designation	Gender		Telephone	Age (Yrs)			PWD	Signature
			M	F		Below 35	35-59	Over 60		
1	Florence K Nzuu	Kid Maid		✓	0713571610	✓				<i>[Signature]</i>
2	Monica K Kioiko	Wote/Nziu		✓	0721341744		✓			<i>[Signature]</i>
3	Shirah M. Musitu	Kotale/Nziu		✓	0726894441		✓			<i>[Signature]</i>
4	CHRISTINE N. KIVUA	WOTE/NZIUI		✓	0719534171	✓	✓			<i>[Signature]</i>
5	Geoffrey Mubwa	Wote Nziu	✓		0726692782		✓			<i>[Signature]</i>
6	Veronica Kioiko	Farmer leader		✓	0712336871		✓			<i>[Signature]</i>
7	Richard M. Kyula	W C C	✓		0743246730		✓			<i>[Signature]</i>
8	Felix NDIITHI	W C C	✓		0721528270	✓				<i>[Signature]</i>
9	KIOIKO F. KIOIKO	Wote/Nziu	✓		076817417		✓			<i>[Signature]</i>
10	Abraham Nziu/Nziu	Wote/Nziu	✓		0728548722		✓			<i>[Signature]</i>
11	JACINTA WAMBURA	Comm member	✓		0716357686		✓			<i>[Signature]</i>
12	Joyce MUYOKA	C.R.V	✓		0704147560			✓		<i>[Signature]</i>
13	CHRISTINE MUKAKA	Comm Member	✓		0703880106	✓				<i>[Signature]</i>
14	Angeline Mbuyu	Community member	✓		0713059975		✓			<i>[Signature]</i>
15	Magdalena Mutumini	Tregyter	✓		0700426547		✓			<i>[Signature]</i>
16	Daren Kama	C.R.V	✓		0724802097		✓			<i>[Signature]</i>
17	Alex Nzenberu	Comm.	✓		0717422730	✓	✓			<i>[Signature]</i>
18	Naomi K. Mway	Dev. Comm.	✓		0716893326		✓			<i>[Signature]</i>
19	Retha K. Kioiko	Committee	✓		0714323968		✓			<i>[Signature]</i>
20	RICHARD MUYOKA	Dev	✓		0704375980		✓			<i>[Signature]</i>

PARTICIPANTS LIST

[illegible]

Emali/mulala
Community members/

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KIBWEZI WEST
- Ward EMALI MULALA
- Date 5/5/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	10	5	—	15	0	0
Female	6	9	15 —	15	0	0
Total	16	14	—	30	—	—

S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
				Male	Female				
1	Peter M Nyemai	29564236	0791783284	✓		30			<i>[Signature]</i>
2	Kimani Wambui	10581605	0712898626	✓		52			<i>[Signature]</i>
3	HENRY M. MUTINDA	0917852	0722738304	✓		68			<i>[Signature]</i>
4	BENJAMIN YULU	21955664	0729900799	✓		37			<i>[Signature]</i>
5	Francis Mwangangi	26909267	0769954339	✓		35			<i>[Signature]</i>
6	Nicholas Moko	11038327	0714817019	✓		54			<i>[Signature]</i>
7	Rosalie M. Kitili	28501143	0703416264	✗	✓	38			<i>[Signature]</i>
8	Everline Kalluma	26324146	0740170966		✓	35			<i>[Signature]</i>
9	KILU NDIRO	10861924	0708701383	✓		52			<i>[Signature]</i>
10	GEORGE MUTISO	28869849	0719617260	✓		32			<i>[Signature]</i>
11	ANTHONY KILONGA	2604057	0743183019	✓		70			<i>[Signature]</i>
12	SEBASTIAN KILGIZO	30617024	0728305062	✓		28			<i>[Signature]</i>
13	Bongor Njau	7398453	0721441754	✓		58			<i>[Signature]</i>
14	Nicholas Mwila	28442500	0711801600	✓		31			<i>[Signature]</i>
15	Nashon Mwendo	23228440	0783957057	✓		39			<i>[Signature]</i>
16	FRANKLIN N. MUEKE	22912275	0716570423	✓		38			<i>[Signature]</i>
17	Grace M. Mawu	25384859	0722143099	✗	✓	38			<i>[Signature]</i>
18	Peter Jaati	31532968	0742352951	✓		28			<i>[Signature]</i>
19	SHADRACK MUTISYA	28862208	0720436292	✓		32			<i>[Signature]</i>
20	DENNIS MWONGOGI	37067959	0710978648	✓		24			<i>[Signature]</i>
21	PRASIN K. MUTUA	24462325	0114206255	✓		37			<i>[Signature]</i>
22	LOIS MAUHIDE	23827900	0719260115		✓	38			<i>[Signature]</i>
23	Stacy Musombi	28612218	0724419361		✓	34			<i>[Signature]</i>
24	Joseph Jaati	28870711	0768679081	✓		32			<i>[Signature]</i>
25	THERESIA MUTAMBA	31355509	0743723924		✓	30			<i>[Signature]</i>
26	PAULINE MUKALI	30468420	0713891615		✓	34			<i>[Signature]</i>
27	REBECCA M. ISANG	30994494	0716132761		✓	29			<i>[Signature]</i>
28	ALFRED KJARO JOSEPH	32605002				26			<i>[Signature]</i>
29	Amos K. Kaumbi	22587619	0706743872	✓		42			<i>[Signature]</i>
30	JOHN MICHAEL	3711603	0701827350	✓		24			<i>[Signature]</i>

ILIMA Area

9/5/2022

REPUBLIC OF KENYA



Community
Members

GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County KAITI
- Ward ILIMA
- Date 09-05-2022

KECCS

SUMMARY OF PARTICIPANTS

Gender	Age		TOTAL	PWD	MINORITY
	Below 35	35-59			
Male	6	8	14	0	0
Female	2	9	11	1	0
Total	8	17	25	1	0

Community Members

S/No	Name	ID	Mobile number	Gender	Age	People living with disability	Minority	signature
1	Samuel K Masari	10891853	0712312592	Male	52			
2	Paul M. David	28946514	0722557984	✓	42			
3	FATTA .A. MAAWA	28819775	0114058331		31			
4	Elizabeth N. Musigwa	26078535	0796796884	✓	40			
5	Emile K. FRANCIS	23415576	0716839891	✓	40			
6	Ishele N. Daud	25404570	0701371011	✓	37			
7	Alice Mwangi	29151932	0726961219	✓	46			
8	Benson Mwangi	32649698	071813352	✓	30			
9	James M. Kimu	3263574	0714465095	✓	29			
10	Nicholas M. James	32390402	0727670206	✓	89			
11	Rus M. Mwangi	25087866	0110546091	✓	35			
12	KEWETH KIOKO WAMBUR	22529417	0722471533	✓	41			
13	Emile Mwangi	22553290	0713440583		43			
14	OESMUS KIEVA	14425541	0710644207	✓	49			
15	Damaris M. Mwangi	12586389	0710355790	✓	53			
16	Ishele N. Mwangi	29855336	0716576927	✓	30			
17	Josephina Mwangi	30810807	0725655853	✓	29			
18	Timothy Ngaru	34534429	0796796825	✓	27			
19	Musoki Markosi	20857136	0721389766	✓	48			
20	Philip M. Mwangi	1342567	0710332370	✓	65			
21	ROBERT NDETA	21158845	0710684762	✓	44			
22	BENJAMIN MURISIA	10175119	0713807738	✓	55			
23	Catherine King'ara	31689781	0727875827	✓	35			
24	Francisca Mwangi	3363676	0715411292	✓	50			
26	Benjamin Mwangi	14635356	0790929512	✓	60			
27	Justus Mwangi	5716787	0726773340	✓	64			
28	John M. Mwangi	24946155	0711101186	✓	44	✓		
29	Mukala Nzioka	3835618	0721169909	✓	28			
30	David Angelical	2857661	0734129452	✓	53			

30 Mwangi Njani 38342858 070619808 ✓ 31

31

10/5/2023

REPUBLIC OF KENYA

GOVERNMENT OF MAKUENI COUNTY



Community
Kicco's

Ikima
Ward





















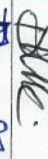





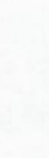





PCRA Consultative Meeting Form

- County Makueni
- Sub County KAITI
- Ward Ikima
- Date 10/5/2023

SUMMARY OF PARTICIPANTS

Gender	Age		TOTAL	PWD	MINORITY
	Below 35	35-59			
Male	4	9	15	1	1
Female	4	5	10	1	1
Total	8	14	25+1=26	1	1

S/N	Name	ID	Mobile number	Gender	Age	People living with disability	Minority	signature
1	Josephine mathuku	30610807	0725655353	Male	29			
2	Phuip mathusi	1342567	0710332370	✓	65			
3	Irene Dago	2540470	0701371011		37			
4	FAITH MAAU	28819775	0114058331	✓	31			
5	FRANCESE MUTHWA	3363676	0715411292	✓	60			
6	Juwu MUYAO	5716787	0726773340	✓	64			
7	Paul M. David	23976574	0702554987	✓	44			
8	Eunice .K. FRANCIS	2321576	0710839891	✓	40			
9	Catherine King'ola	31689731	0727875827	✓	35			
10	Kennedy Kilela Mambua	22529417	0722471533	✓	41			
11	Timothy NANTU	34534429	0796796825	✓	27			
12	Damaras M. MUDISA	12586389	0710355790	✓	53			
13	John M. MABAKA	24946155	0741101186	✓	44	✓		
14	Musyoki MAKOSI	20557136	0728389766	✓	48			
15	Elizabeth M. MUAUWA	26075525	0796796824	✓	410			
16	Benson M. Mbaruki	3269698	0711813352	✓	31			
17	Jackson N' MUKANI	2985536	0716564827	✓	70			
18	Nicodemos Muthura	32340402	0727870206	✓	29			
19	MUSYOKI KIMEN	32263174	0714463045	✓	29			
20	Eunice M. KULLI	23253210	0713405833	✓	43			
21	Samuel K. MASHAI	10891353	0717372592	✓	52			
22	Peas M. MUTHUA	26087866	0110546091	✓	35			
23	ROBERT NDEYA	21159445	0710684762	✓	41			
24	DEEN NISEN MUTHISYA	10175919	0713807738	✓	55			
25	Benjamin Mungao	14635356	0790929512	✓	46			
26	Obedemus KIGURU	14425541	0710644207	✓	49			
27	Stephen Mwangi	11288244	0723445276	✓	52			
28	Karim Angelanah	780176	075407452	✓	53			
29	Mwaka R202a	3556103	0721149909	✓	26			
30	Muthen Njamen	35342858	07166198081	✓	31			

WINDUON NZAMBAU

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County Makueni
- Sub County Kilburgai East
- Ward Nindami/Nzambau
- Date 11/05/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	6	3	2	11	1	
Female	4	14	1	19	1	
Total	10	17	3	30	1	

S/No	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
1	MURFRED M. MATTHEW	23110356	Male		38			
2	MAGDALENE KAMITI	20491906		Female	47			
3	NICHOLAS MUTINDA MATHIEKA	24964748			34			
4	STEPHEN M. MATIRO	7408856			54			
5	DOMINIC M. MANZU	83020182			55			
6	PHOEBE - M. MUTUA	21591580			49			
7	GEORGE M. MUTUA	6260880			65			
8	DAVID M. NYAKAI	2992465			64			
9	JONES W. OTAVUKU	2427522			65			
10	JOSEPH M. NGOKA	2795745			43			
11	ERICK M. MUSEURU	219093073			28			
12	REGINA N. MUNDU	20271766			42			
13	ABRAHAM K. KUKU	25378602			37			
14	ROSE MINO MBOWA	30396239			35			
15	MARTHA MUTHOKA	25195311			29			
16	SAMUEL K. NAGI	12725411			49			
17	Moses Nyamati	20591116			45			
18	Paul Mbelu Kitunga	24472980			37			
19	Francisco M. Muluwa	8994934			56			
20	ESTHER - M. KANU	29261189			40			
21	MUSSEY, Mutia	11162787			51			
22	FREDRICK MUYILA	7272736			50			
23	Michael Murya	29527609			32			
24	PERENNIE KUSYKA	25185030			33			
25	EMMALENE NABULE	28155453			26			
26	MURDER MURUKU	29578049			81			
27	MOSSEH KUMUWA	4866533			48			
28	Mogdalene Muiq	28664437			31			
29	Victoria Mumbi	31040202			25			
30	MUSYOKA Mutia	26029977			26			

(11)

(19)

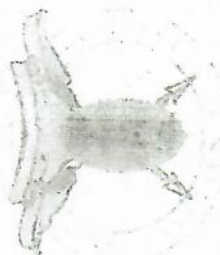
S/N	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
			Male	Female				
1	JESSE M KUDHGA	4867859	<input checked="" type="checkbox"/>		59			<i>[Signature]</i>
2	ZIPORON MUSEM	12766030	<input checked="" type="checkbox"/>		50			<i>[Signature]</i>
3	Mumbe Mbithi	4914447		<input checked="" type="checkbox"/>	47			<i>[Signature]</i>
4	Sifella Nwagwu	19351481		<input checked="" type="checkbox"/>	32			<i>[Signature]</i>
5	Asik Mngaka	4128447		<input checked="" type="checkbox"/>	29			<i>[Signature]</i>
6	Magdalene Muna	3101858		<input checked="" type="checkbox"/>	38			<i>[Signature]</i>
7	Patsia Muzeki	380148231		<input checked="" type="checkbox"/>	38			<i>[Signature]</i>
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REPUBLIC OF KENYA



Wangari
Community

GOVERNMENT OF MAKUENI COUNTY



PCPA Consultative Meeting Form

County Makueni
Sub County Kikuyu
Ward Wangari
Date 12/5/2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	3	12	2	17	1	
Female	8	11	1	19	-	
Total	11	23	2		1	

	Name	Mobile number	Gender		Age	People living with disability	Minority	Signature
			Male	Female				
✓ 1	Francisco M. Mawen	8994934		✓	56			for. ju. m.
✓ 2	Zipporeu m. musembu	12766030		✓	50			m.
✓ 3	MADALINE KAMITI	20491906		✓	47			Matty
✓ 4	Musau Mwile	1162787	✓		51			for.
✓ 5	Esther Kavulu	09261189		✓	40			for.
✓ 6	DEPT m. KUBIDYA	48157859	✓		59			for.
✓ 7	STELLA MUSTA	34961512		✓	24			for.
✓ 8	Perronica Musogera	05185030		✓	33			for.
9	Michael Musig	29527609	✓		29			for.
✓ 10	EMMACULATE NUTHI	32755458		✓	26			for.
* 11	Magdalena Muija	28664934		✓	21			for.
* 12	Victoria mumbi	37040202		✓	25			for.
✓ 13	Harrison Kenge	26378602	✓		37			for.
✓ 14	MARTHA MUTHOKA	28196311		✓	29			for.
✓ 15	DOSE MUGO MIBUAI	30396339		✓	35			for.
✓ 16	HILFRED M. MATHELI	23110350		✓	38			for.
✓ 17	REGINA N. MUNDI	20221966		✓	43			for.
✓ 18	JOSEPH M. NGBUKA	21798745	✓		43			for.
✓ 19	DAVID NYAMAT	2992465	✓		65			for.
✓ 20	DOMINIC MAMUE	32020132	✓		55	✓		for.
✓ 21	PETERE MUTUA	21591580		✓	49			for.
✓ 22	NICHOLAS MUTINDA MATHEUA	24964948	✓		35			for.
✓ 23	STEPHEN M. MATIRO	2408856	✓		55			for.
✓ 24	SAMUEL K. DASHI	12725911	✓		49			for.
✓ 25	JORDIS K. NTHUKU	2627822	✓		65			for.
✓ 26	PRISCILLA NGOMI	24418134		✓	39			for.
✓ 27	Paul Mbulu Kutunga	2447298	✓		37			for.
✓ 28	MARGARET H. TILGA	6260880	✓		65			for.
✓ 29	VICTOR MANDU	29527049	✓		37			for.
✓ 30	FIRICK MASHUKU MUSUMBI	32716352	✓		23			for.

11/05/2018

S/No	Name	Mobile number	Gender		Age	People living with disability	Minority	signature
			Male	Female				
1	Frederick Ngere	7272236	M		50			<i>Frederick</i>
2	Moses Mwangi	2159116			45			<i>Moses</i>
3	Ruth Muthoka	2528832		✓	37			<i>Ruth</i>
4	Patrick Mwangi	143158		✓	36			<i>Patrick</i>
5	Mumbe Muthi	212 4204		✓	24			<i>Mumbe</i>
6	Stella Mwangi	341 5373		✓	28			<i>Stella</i>
7		071918375						
8		0712847678						
9		0721727727						
10		0748144471						
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Community
NATA KAKO

REPUBLIC OF KENYA



GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUENI
- Sub County MBERI
- Ward NATA KAKO
- Date 10th-05-2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	7.	6.	1	14	0	0
Female	7.	7.	0	16.	0	0
Total	14	13	1	30.	—	—

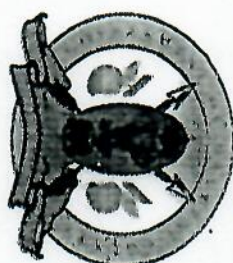
S/No	Name	ID	Mobile number	Gender		Age	People living with disability	Minority	signature
1	Mikhaem M. Ndlovu	09674724	0707369018	Male					
2	Bamwasha Mungela	11535823	0706117379		✓	32		community	
3	TAMINA MUSEMBI	12958603	0712875679		✓	44		CDU	
4	JOHN M. KIMWELE	12408829	0721739230	✓		52		community	
5	STEPHEN K. MASIKA	49142991	0795376503	✓		69		member	
6	Beygum Mutuku	33465334	0798997539	✓		29		member	
7	PURIT M NYAMAI	25353453	0704198080		✓	30		youth	
8	ZIPHOBAH Kimomo	12408617	0748371023		✓	50		CDU	
9	NORAH N. NAIOKA	23824220	0718205638		✓	29		CDU	
10	Lynne Mbile	39732922	0795625506		✓	21		youth	
11	Petronilla mawene	28267604	0724570548		✓	34		CDU	
12	Bennis mwendu	39896975	0707818098	✓		21		community	
13	MARK N. JOSEPH	07188028	0722993244		✓	38		community	
14	JANEI KIDUO	21147909	0712392587		✓	41		CDU	
15	PAUL M. NDUZI	11540220	0723365381	✓		51		CDU	
16	Mauden Katani Munguti	28837398	0792634512		✓	25		CDU	
17	Angelina Kimani	7801769	0710436503		✓	25		CDU	
18	MURIE G. MATHENO	05584920	0740024479	✓		26		community	
19	KATO Mutuku	31524658	07033257138	✓		29		community	
20	MUTISO KIOKO	8857638	0722492981	✓		56		CDU	
21	Mwongela Mungwa	33186647	0711507380	✓		27		community	
22	NASSON KIMO	33184722	0703201850	✓		27		community	
23	MUSYOKA Kiamba	6030795	0702072285	✓		49		community	
24	Benson Mwakala	38021836	0757676924	✓		22		community	
25	MIMI MUTHUNA	26599866	0710799895		✓	42		CDU	
26	HOLLIS-M. SHAR	24952944	0113913141	✓		40		CDU	
27	KILE MUCUMBI	10331641	0725929159	✓		48		CDU	
28	CATHERINE MUTGIL	24159318	0715029430		✓	42		CDU	
29	GRACE MUKU	34512675	0746641633		✓	25		CDU	
30	DARY MUTHY	39118172	0799088439		✓	25		community	

REPUBLIC OF KENYA



Community

GOVERNMENT OF MAKUENI COUNTY



PCRA Consultative Meeting Form

- County MAKUEENI
- Sub County MB OONI
- Ward KAKO/MAIA
- Date 09-05-2023

SUMMARY OF PARTICIPANTS

Gender	Age			TOTAL	PWD	MINORITY
	Below 35	35-59	Over 60			
Male	5	7	—	12	—	—
Female	6	12	—	18	—	—
Total	11	19	—	30	—	—

S/N	Name	Mobile number	Gender	Age	People living with disability	Minority	signature
1	ZIPHOBA Kimomo	12408617	Male	50			
2	IMAY MUTHIGA	86599806	Female	42			
3	IMANA MUSEMBI	12958603	Female	54			
4	ANGELIMAT KIRIMA	7801769	Female	56			
5	PERDILIAH Mawili	28267604	Female	34			
6	MIRIAM MABLODA	29674724	Female	31			
7	DAMONAH Munguti	11525823	Female	44			
8	NOEAT N NABOKA	23824220	Female	39			
9	MUTISO KIDDO	8557638	Female	56			
10	KILCI MURUNDU	10331647	Female	48			
11	MAUREEN KIRANI MURUTHI	28833398	Female	36			
12	STEPHEN K. MASIKA	4942991	Male	69			
13	HOLLINGD-M. SHANI	21652944	Male	40			
14	JOHN M KIMWEELE	12408829	Male	52			
15	CATHERINE K. MUTELI	24159318	Female	42			
16	PURIT M NYAMAI	24353455	Female	30			
17	MARY N JOSSEY	27182028	Female	38			
18	GEORGET MANDO	35584120	Female	26			
19	SILVIERA MUTUKU	31564058	Female	29			
20	MWONGELA MUSTOKA	33186647	Female	27			
21	PAUL M. NDIJI	11540025	Male	51			
22	JANEI KIDKO	21147909	Female	41			
23	NASSON KIMO	33194722	Male	27			
24	ALABUS MUTHIKA	21556009	Female	43			
25	GRACE MUTUKU	27512375	Female	25			
26	BERGEMIN MUTUKU	33465334	Female	29			
27	MABYOLA KIMBA	6030795	Female	49			
28	NOEL KUTUY	39113172	Female	25			
29	NORAH NALIANI NABOKA	28824220	Female	40			
30	ZIPHOBA KIMOMO	12408617	Female	49			