





KAMIMBA WARD – LUMEZI DISTRICT

PARTICIPATORY LAND USE PLAN

(PLUP)



Prepared by: Land Alliance Consortium (TSP) in Collaboration with LUNDAZI/LUMEZI/CHASEFU DMT

Date: 24th August, 2022

Preface

This Participatory Land Use Plan (**PLUP**) for Kamimba Ward is a document that has been developed with a view to managing and mitigating unsustainable natural resource use. The aim of this document is to help communities in making sound decisions pertaining to land uses. This PLUP process has been supported by the Zambia Integrated Forests and Landscape Project (**ZIFLP**), an initiative of the Government of the Republic of Zambia, with funding support from World Bank through the Bio-Carbon Fund, Global Environmental Facility (**GEF**) and International Development Association (**IDA**).

PLUP activity falls under component 1: **Enabling Environment**. This first component is meant to create conditions that will allow the livelihood investments of Component 2 (**Livelihood and Low-Carbon Investments**) to be successfully implemented and that will prepare Zambia for emission reduction purchases. This component includes support for two sub-components under which PLUP falls. These are:

- a. District and Local Level Planning, which supports Integrated District Development.
- b. Local Planning, including land use and action planning through participatory processes.

The process for the creation of this PLUP was participatory in nature taking into account Social Biodiversity Impact Assessment (SBIA), and various stakeholders such as His Royal Highness Chief Chikomeni of Chikomeni Chiefdom, Lumezi District Multi-Sectoral Team (DMT), Department of Physical Planning, Kamimba Ward community members and ZIFLP team were consulted and engaged and were fully involved at every stage of the process. Thus, this PLUP will help guide Kamimba Ward residents in implementing sustainable and environmentally friendly land use practices in their ward, and also help in addressing the key issues identified, which have so far led to the unsustainable resource usage. This PLUP will help residents find alternative livelihood sources which will make them refrain from unsustainable land use practices such as unsustainable agriculture expansion, unplanned human settlement, environmental degradation and deforestation. This will help in the realisation of ZIFLP vision, which is to improve rural livelihoods in Eastern Province by reducing Deforestation and Forest Degradation using low emission pathways through local participation by 2030.

i

It is further hoped that the local people in the community will appreciate the benefits of having the Land Use Plan (**LUP**), bearing in mind that land is a scarce resource with competing uses which are mutually exclusive. Additionally, population growth, erosion, effects of climate change and other factors have contributed to the increasing scarcity of fertile land in rural areas despite people deriving their livelihoods from there. Thus, this PLUP is a way of balancing up competing and, in some cases, conflicting land uses. _____

Council Secretary Lumezi District Council District Commissioner Lumezi District

HRH Chief Chikomeni

Chikomeni Chiefdom

Table of Contents

Preface	i
Table of Figures	viii
List of Tables	ix
Acknowledgements	х
Acronyms and Abbreviations	xi
1. INTRODUCTION	1
1.1 Background	2
1.3 Legal Context	3
2. APPROACH AND METHODOLOGY	3
2.1 Stages of PLUP Activity	6
3. CHARACTERISTICS OF THE MANAGEMENT AREA	8
3.1 Location of Kamimba Ward	8
3.2 Climatic Conditions	9
3.2.1 Temperature	9
3.2.2 Rainfall	10
3.2.3 Ecological Zone	10
3.2.4 Soil Types	11
3.3 Socio-Economic Environment	12
3.3.1 Population Projection	13
3.3.2 Social Facilities	13
3.4 Source of Livelihood	14
3.5 Livelihood Security	15
3.6 Livelihood and Natural Resource Utilisation	15

3.7 Livelihood Constraints and opportunities	16
3.8 Biodiversity Hotspots	17
3.8.1 Streams and Dams	17
3.8.2 Forests	17
3.9 Ecosystem Function	19
4. CURRENT LAND USE PATTERNS	19
4.1 Overall Land Use	19
4.2 Land Use Suitability Analysis	20
4.2.1 Soil Type Agricultural Suitability Analysis	20
4.3 Land Resource and Administrative Boundaries	21
4.4 Current Land Uses	22
4.5 Land Use and Agriculture	23
4.6 Land Use and Forest	24
4.7 Land Use and Wildlife	25
4.8 Land Use and Mining	26
4.9 Land Use and Tourism	26
4.10 Land Use and Physical Development	26
5. COMMUNITY PARTICIPATION	27
5.1 Community Engagement Process	27
5.2 Agreed Local Rules for Land Use and Resource Management	31
5.3 Problem Identification	31
6. CORE ISSUES AFFECTING LAND USE AND THE ENVIRONMENT	32
6.1 Lack of Safe Water Sources	33
6.2 Soil Degradation	34

6.3 Poor State of Roads and Related Infrastructure	34
6.4 Long Distances to Schools	35
6.5 Inadequate Health Facilities	37
6.6 Inadequate Telecommunications Facilities	38
7. LAND USE PLANNING – ZONING, VALIDATION AND GOVERNANCE RULES	40
7.1 Chamkoma Community Meeting	41
7.2 Kasinde Community Meeting	42
7.3 Mwimba Community Meeting	44
7.4 Changulube Community Meeting	45
7.5 Kamkwezi Community Meeting	46
7.6 Chikomeni Community Meeting	47
7.7 Lupampha Community Meeting	48
7.8 Lumamba Community Meeting	49
8. FRAMEWORK OF THE PLUP AND ENVIRONMENTAL MANAGEMENT PLAN	50
9. Implementation Strategy	54
9.1 Capital Investment Projects	57
10. INSTITUTIONAL ARRANGEMENT FOR PLAN IMPLEMENTATION	58
11. CONCLUSION	58
12.1 Natural Resources	60
12.1.1 Vegetation	60
12.1.2 Soils	60
12.1.3 Water	60
12.2 Climate	61
12.2.1 Rainfall	61

12.3 Land Use Planning	61
12.4 Participatory Land Use Planning	62
12.5 Livelihood	62
13. REFERENCES	63
ANNEXES	65
Annex 1: Kamimba Ward By-Laws on Land Use and Natural Resource Management	65
Annex 2: Meeting Attendance Registers	67
First Village Meeting	67
Validation Meetings	96

Table of Figures

Figure 1: Kamimba Ward Location Map	8
Figure 2: Monthly Temperature Conditions for Kamimba Ward	9
Figure 3: Annual Rainfall Pattern for Kamimba Ward	10
Figure 4: Agro-Ecological Zones	11
Figure 5: Kamimba Soil Map	12
Figure 6: Biodiversity Hotspots	18
Figure 7: Kamimba Ward Agricultural Suitability Analysis Map	21
Figure 8: Land Resource and Administration Boundaries	22
Figure 9: Current Land Uses	23
Figure 10: Land Use and Agriculture Map	24
Figure 11: Land Use and Forest	25
Figure 12: Land Use and Physical Development	27
Figure 13: Village Rapid Assessment Exercise	30
Figure 14: Distribution of Water Sources	34
Figure 15: Primary Education Facility Service	36
Figure 16: Secondary School Education Facility Gap	37
Figure 17: Health Facility Service Gap	38
Figure 18: Future Land Use Map for Chamkoma Community Meeting	42
Figure 19: Future Land Use Map for Kasinde Community Meeting	43
Figure 20: Future Land Use Map for Mwimba Community Meeting	44
Figure 21: Future Land Use Map for Changulube Community Meeting	45
Figure 22: Future Land Use Map for Kamkwezi Community Meeting	46
Figure 23: Future Land Use Map for Chikomeni Community Meeting	47
Figure 24: Future Land Use Map for Lupampha Community Meeting	48
Figure 25: Future Land Use Map for Lumamba Community Meeting	49

List of Tables

Table 1: Stages of PLUP Activity	7
Table 2: Monthly Temperature Conditions for Kamimba Ward	9
Table 3: Monthly Temperature Conditions for Kamimba Ward	13
Table 4: Livelihood Constraints and Opportunities	17
Table 5: Land Use Reservation	20
Table 6: Problems Identified	32
Table 7: Attendance Statistics	40
Table 8: Land Reservations for Chamkoma Community Meeting	41
Table 9: Land Reservation for Kasinde Community Meeting	43
Table 10: Land Reservation for Mwimba Community Meeting	44
Table 11: Land Reservation for Changulube Community Meeting	45
Table 12: Land Reservation for Kamkwezi Community Meeting	46
Table 13: Land Reservation for Chikomeni Community Meeting	47
Table 14: Land Reservation for Lupampha Community Meeting	48
Table 15: Land Reservation for Lumamba Community Meeting	49
Table 16: Environmental Management Plan	53
Table 17: PLUP Implementation Plan	56
Table 18: Capital Projects Identified	57
Table 19: Offences and Penalties	66

Acknowledgements

We the Consortium of Land Alliance comprising of Chipata District Land Alliance, Petauke District Land Alliance and Zambia Land Alliance Nyimba would like to express our gratitude to the Republic of Zambia for sourcing funding from the World Bank for the Zambia Integrated Forest Landscape Project (**ZIFLP**) through the Project Manager Mr Noel Muchimba, Department of Physical Planning, Ministry of Local Government through the Lundazi/Lumezi/Chasefu District Multi-Sectoral Team (**DMT**), His Royal Highness Chief Chikomeni, Kamimba Ward Development Committee and the community of Kamimba Ward.

Acronyms and Abbreviations

- CDF Constituency Development Fund
- CSA Climate Smart Agriculture
- DMT District Multi-Sectoral Team
- **EP Eastern Province**
- EMP Environmental Management Plans
- FPIC Free Prior Informed Consent
- **GPS Global Positioning System**
- ICT Information and Communications Technology
- IDP Integrated Development Plan
- JICA Japanese International Corporation Agency
- JIDP Joint Integrated Development Plan
- LAP Local Area Plan
- LULC Land Use Land Cover
- LUP Land Use Planning
- NDP National Development Plan
- NRM Natural Resource Management
- OCC Objection, Correction and Confirmation
- ODK Open Data Kit
- PAD Project Appraisal Document
- PLUP Participatory Land Use Planning
- URP Urban and Regional Planning
- WDC Ward Development Committee
- ZIFLP Zambia Integrated Forest Landscape Project

1. INTRODUCTION

Participatory Land Use Planning (**PLUP**) is an interactive process in which local communities can discuss and determine how to manage the land and other natural resources in their locality. Land Use Planning (**LUP**) can be defined as a process in which land is allocated for different uses ranging from residential, commercial, agriculture, etc. (PLUP manual, 2019). PLUP is an important decision-making tool for Natural Resource Management because it helps in defining suitable land uses which best balance ecological, economic and social objectives, thereby preventing land use and social conflicts. Thus, PLUP is of great importance if natural resources are to be effectively managed.

Currently, rural areas in Zambia are faced with challenges ranging from food insecurity, land conflicts, biodiversity protection while initiating economic growth, adapting to climate change as well as protecting people from natural disasters (JICA, 2011). Hence, PLUP is envisioned to be a great tool capable of mitigating the above challenges by focusing on conducting discussions with relevant stakeholders on future land and resource use as well as management by allocating specific areas for different human activities.

Thus, land use allocation is important, owing to the fact that land is a scarce resource with a fixed supply despite demand increasing on a daily basis (thereby bringing about land-related conflicts). Therefore, this PLUP aims at guiding and helping in tackling land-related conflicts as well as other natural resource issues in their early stages by facilitating consensual negotiations and eventual regulations on land uses by all interested parties.

The rationale and overall objective of conducting Participatory Land Use Planning on customary land is to consolidate information on the current status of land uses and land information within an area. The information gathered will subsequently inform land use options that are sustainable, environmentally compatible, socially desirable and economically sound. Further, the exercise helps in bringing out social and environmental issues affecting the communities in the project areas so as to design appropriate interventions to mitigate those effects.

1

1.1 Background

The Zambia Integrated Forest Landscape Project (**ZIFLP**) embarked on supporting the implementation of Participatory Land Use Planning (**PLUP**) in districts of Eastern Province (**EP**), focusing on community land use mapping and planning. This was the basis for the identification of primary Sub-District level activities, including issues of identification, prioritisation and sub-project identification (PLUP Manual, 2019).

ZIFLP took into consideration and followed the present government direction on land use aimed at optimising the use of land, helping with resolution of conflicts which arise between competing land uses and needs of various interest groups, choosing sustainable options that best meet identified needs, rehabilitating and conserving natural resources, supporting the general development process and raising awareness concerning environmental problems among the populations and authorities (**ZIFLP-PAD**).

Additionally, this PLUP consolidated information on the current status of land use and land information within a project area, which provided information on land use options that are sustainable, socially and environmentally compatible, socially desirable and economically sound. The PLUP initiative is based on the current social, economic and environmental challenges and opportunities facing Zambia's customary areas.

Besides, chiefs have a high level of autonomy in terms of land management in their chiefdoms, while at the same time depend on government for a range of services such as schools, clinics, etc. The PLUP development process recognizes the fact that Zambia's rural landscape is vast and viable for various investments. Thus, rural landscapes have the potential to provide multiple revenue sources ranging from small-scale farming, wildlife management and game ranching, forest timber extraction, tourism, and mining. It is important to note that there are a number of land uses competing with each other hence the need for a land use plan to serve as a guide for the use and management of land.

2

1.3 Legal Context

The Kamimba Ward PLUP has been developed in accordance with the provisions of the Urban and Regional Planning (**URP**) Act No. 3 of 2015 of the Laws of Zambia. The URP Act is the main legislation that guides planning and related activities in the country. The Act not only provides for the preparation of Integrated Development Plans (**IDP**s) for the development of each district but also provides for the preparation of Local Area Plans (**LAP**s) which are actually Land Use Plans for sections of a settlement, sub-areas, sub-districts or wards within a Local Authority's area. Areas under Traditional Authorities are governed by Section 25 of the Urban and Regional Planning Act No. 3 of 2015 of the Laws of Zambia.

Further, it provides guidance on the development of areas within land falling under customary tenure with the provision of developing planning agreements between traditional authority and relevant government authorities. However, there are other laws and policies that govern Land Use Planning in Zambia which were adhered to during the preparation of Kamimba Ward PLUP such as the Mines and Minerals Act No. 11 of 2015, Villages Act of 1972, Chiefs Act, Cap. 287, Agriculture Act, National Decentralisation Policy (NDP) of 2013, Forest Act No. 4 of 2015 and Zambia Wildlife Act No. 14 of 2015.

2. APPROACH AND METHODOLOGY

The Participatory Land Use Planning in Kamimba Ward adopted the USAID Land Use Planning approach, which is a combination of primary and secondary data collection. The secondary data collection method involved reviewing various documents on land use planning and land uses held by various government departments and other cooperating partners. The primary data was collected through village meetings and field activities, through the involvement of traditional leaders, community members and key informants across a range of government institutions and non-state actors. Facilitation of this PLUP was done in the local language in order to contextualise the PLUP to the locality. The whole process was participatory as it involved all stakeholders who were either affected or had interest in the landscape of the project site. The participatory approach was used in the development of the Kamimba Ward PLUP, where various relevant stakeholders were fully involved in the process. Planning was done with the community stakeholders together with their leaders (indunas and headpersons) in consultation with Chief Chikomeni. PLUP sensitization meetings were held with the Indunas, Headpersons, Kamimba Ward Development Committee and community members in order to collect socio-economic and environmental data on livelihood sources and security. These PLUP sensitization meetings were held in **nine (9)** clustered focus group village meetings, namely: **Mwimba, Chikomeni, Lupampha, Changulube, Chamkoma, Kasinde, Kamkwezi, Lumamba** and **Ndaiwala. 69** villages were represented at these clustered village meetings. Community members in all the **nine (9)** clustered meetings took a leading role in developing sketch maps, problem analysis through pair-wise ranking, identifying shared resources and validation of the maps.

The spatial and attribute data used were collected using mobile-based **Open Data Kit (ODK) Collect** application forms, Android tablets and **GLO Garmins** while **QGIS 3.8.1**, **Google Earth Engine** and **ArcGIS 10.5** were used for data analysis.

The data captured is uploaded to the cloud-based server using any wireless connectivity so that data can be uploaded anywhere without necessarily coming to the office, especially when the field teams are camping.

The tablets have stored MB tiles (orthophoto images) with base maps for each district and the Community Facilitators whilst in the field can map any village including all shared communal resources and using the ODK application they can gather data on number of attendees disaggregated as male and female of any village or ward. Any hand-drawn land use maps by the communities are captured and uploaded to the cloud server so that the GIS team at the office can digitise the maps and produce land use maps. Each tablet in order to accurately pick the polygon points is connected to a handheld Garmin Glo Geographical Positioning System (**GPS**). Each community facilitator ensures that the polygon points are repeatedly captured/deleted until the point recorded is shown to be reasonably in the right location relative to the orthophoto image.

Although there is capability to manually record the polygon points against the image, or to move captured GPS points, the GIS team may not do so until they meet the community facilitator who was in the field to clarify any captured polygon points issues.

2.1 Stages of PLUP Activity

No.	Activity	Objective	Strategy	Output	Target	Indicator
1	Village Identification	Know the total number of	Physical Data Collection in	69 Villages were identified	All Villages within	Villages falling within
	(Rapid Village	villages in the ward by	all villages		Kamimba Ward boundary	the ward boundaries
	Assessments)	picking points of interest				were captured
2	Community	Sensitise communities on	Community meetings	One Community Meeting for each	Community members in	464 Total Number of
	Sensitization	PLUP		of the 9 Village Clusters.	all the 9 Village Clusters	community
						representatives
						sensitised across the
						ward disaggregated as
						318 men and 146
						women
3	Shared Resource	Collect geographical	Physical Spatial data	27 Shared Resource Maps were	Kamimba Ward	Shared Resource
	Mapping	locations of the resources	collection	produced		Mapping exercise
		present in the community				completed in Kamimba
						Ward
4	Kamimba ward	Show the current shared	Community engagement	Objections Corrections and	Objections Corrections	Shared Resource Map
	resource Map	resources, land uses and	meetings for validation	Confirmation (OCC) done for the	and Confirmation (OCC)	validated by the Chief
	validation	have the communities	purposes.	shared resource map in Kamimba	done at the Palace and in	and community
		confirm the boundaries		Ward.	all the 9 village clusters	representatives in the
						ward.

5	Future land use	Develop maps of how	Community meetings	Future Land Use Plan developed	The whole Kamimba	Future Land Use Plan
	planning and	communities envisage to		and By-Laws formulated	Ward	and By-Laws done
	Formulation of By-	sustainably use their natural				
	Laws	resources.				
6	PLUP approval	Have the plan approved by	Submit PLUP copies to	PLUP approved	Kamimba Ward PLUP	PLUP approved by the
		all relevant authorities in	both traditional and local			Chief and Local
		order to be implemented	authorities			Authority
			Table 1. Stages	of PLUP Activity		

Table 1: Stages of PLUP Activity

3. CHARACTERISTICS OF THE MANAGEMENT AREA

3.1 Location of Kamimba Ward

Kamimba Ward is in Lumezi District (Eastern Province), which has a total of **11** wards, namely: **Kazembe**, **Lumimba**, **Lukusuzi**, **Chibande**, **Kapangala**, **Kaikumbe**, **Wachitangachi**, **Chamtowa**, **Kachama**, **Kamimba** and **Diwa**. Lumezi District is a border town, sharing an international boundary with Malawi in the South-East. It is characterised by mountainous topography and flat terrain. Kamimba Ward is a boundary ward, sharing an international boundary with The Republic of Malawi in the South-East. It also shares boundaries with six wards, namely: Kachama, Wachitangachi, Kaikumbe, Kapangala, Lumimba, Lukusuzi and Diwa. The map below shows the location of Kamimba Ward:

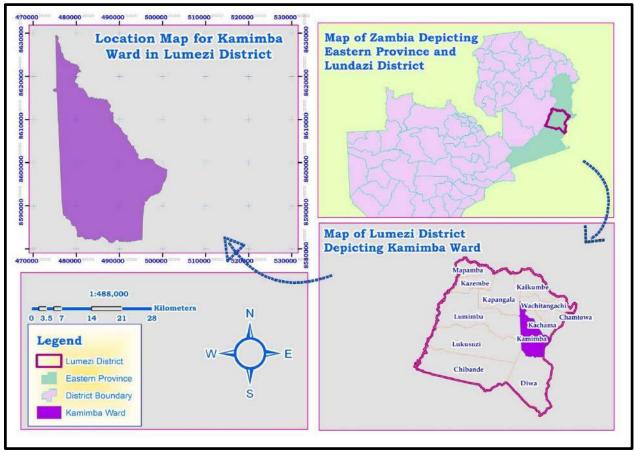


Figure 1: Kamimba Ward Location Map

3.2 Climatic Conditions

Kamimba Ward is characterised by a **Tropical Savanna** climate which is associated with the tropical wet and dry climate. The summers are much rainier than the winters in Kamimba with an average annual temperature of **21.1** °C and annual rainfall of **1,051** mm.

3.2.1 Temperature

The temperatures are highest on average in October, at around **31.1°C** and lowest in July, with temperature recordings of around **11.7°C**. Table 2 and figure 2 below show average temperatures for Kamimba Ward:

	Jan	Feb	Mar	April	May	June	July	Aug	Sept	Oct	Nov	Dec
Ave. Temp (°C)	20.5	21.2	21.0	20.4	19.5	18.0	17.8	20.3	22.5	24.6	24.7	23.0
Min. Temp (°C)	17.7	17.4	16.8	15.8	14.2	12.2	11.7	13.7	15.7	18.1	18.7	18.4
Max. Temp (°C)	24.8	25.0	25.2	24.9	24.7	23.8	23.8	26.8	29.3	31.1	30.6	27.6

Table 2: Monthly Temperature Conditions for Kamimba Ward

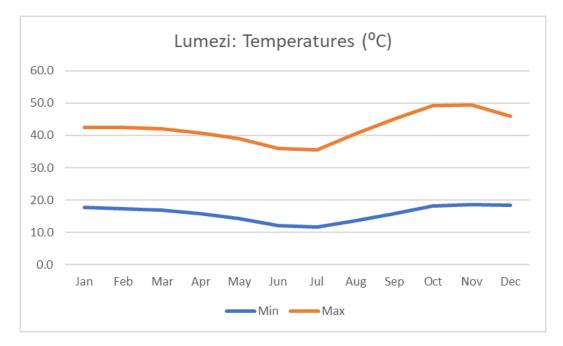


Figure 2: Monthly Temperature Conditions for Kamimba Ward

(source: https://weatherspark.com)

3.2.2 Rainfall

Kamimba Ward receives a total annual rainfall of about **1,051** mm. There is high rainfall recorded during the wet season from November to February with average rainfall between **91-298** mm. The variation in the precipitation between the driest and wettest months is **150** mm. Figure 3 below shows rainfall patterns for Kamimba Ward:

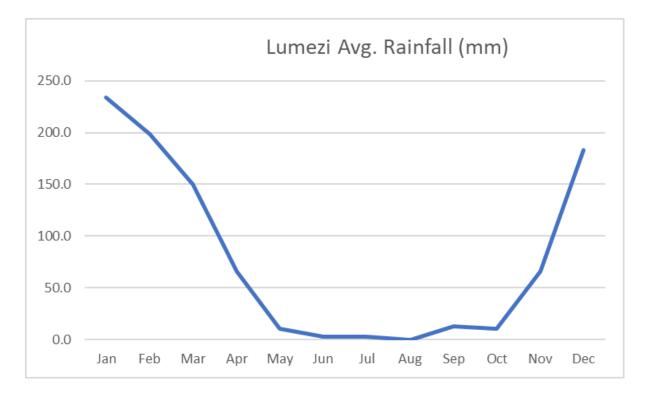
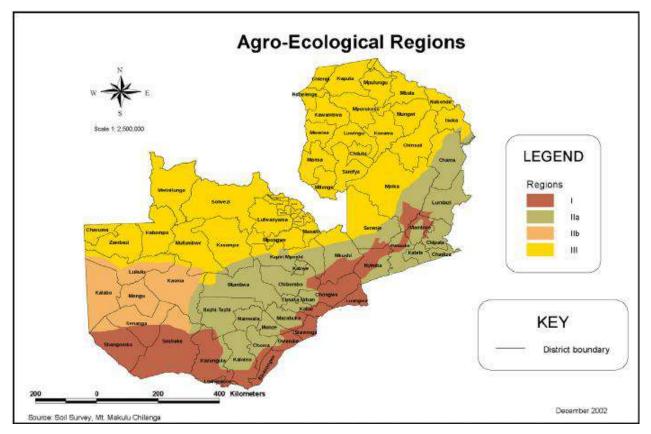


Figure 3: Annual Rainfall Pattern for Kamimba Ward

(source: https://weatherspark.com)

3.2.3 Ecological Zone

Zambia, as a country, is divided into three main Ecological Zones, which are: **Zone I, Zone II** and **Zone III**. Lumezi District is characterised by the I and **IIa** Ecological Zones. Kamimba Ward, being located in Lumezi District, therefore falls under the **IIa** Ecological Zone, which is characterised by annual rainfall of between **800-1000** mm, and has a growing season of **100-140** days. This Ecological Zone supports the growth of medium and late-maturity crop varieties such as maize,



soya beans, groundnuts and other leguminous plants. The figure below shows the different Ecological Zones of Zambia:

Figure 4: Agro-Ecological Zones

3.2.4 Soil Types

Lumezi District is dominated by **four** (**4**) soil zones i.e., **Vertisol-Luvisol, Fluvisol, Acrisol** and **Lithosol** Soil Zones. Kamimba Ward is covered by **Lithosols** and **Acrisols**. Thus, all agricultural activities in Kamimba Ward are done in these Lithosols and Acrisols. The figure below shows a map of Kamimba Soil Types:

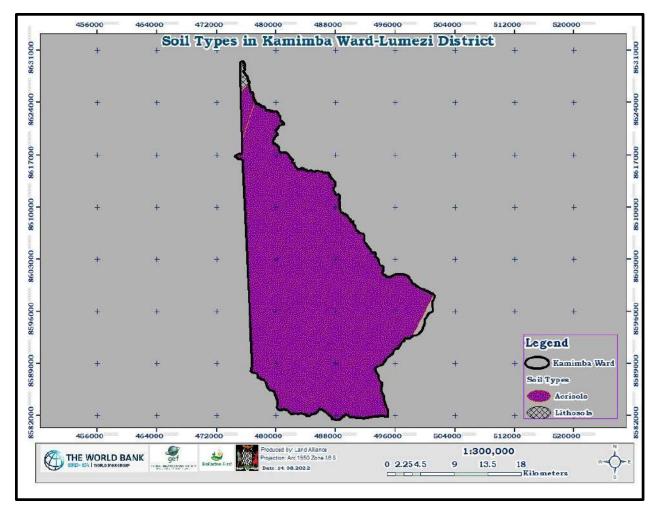


Figure 5: Kamimba Soil Map

3.3 Socio-Economic Environment

Kamimba ward covers a total area of **62,855.1** hectares. Settlements in the ward are dispersed with poor road networks, especially during the rainy season, as the areas become inaccessible because streams flood and there are no bridges/culverts (Lundazi IDP, 2021). Based on the village geo points collected, the ward has a total of **69** villages, and according to the 2017 Census of Population, Kamimba Ward had an estimated total population of **13,717** as shown in the table below:

POPULATION						
КАМІМВА	Male	Female	Total			
	6,624	7,093	13,717			
Source: Lundazi/Lumezi/Chasefu JIDP, 2021						

Table 3: Monthly Temperature Conditions for Kamimba Ward

3.3.1 Population Projection

For the purposes of projecting future services and land use needs, the population forecast was based on the national population projections (adjusted to reflect the population of Lumezi District at **2.8%** Growth rate as per 2017 Zambia Census projection.) On this basis, the population of Kamimba Ward was projected to increase to **15,319** and **19,641** in 2021 and 2030 respectively (Lundazi/Lumezi/Chasefu JIDP, 2021).

This projected increase in population will not only require land for development of infrastructure and other services but will also increase pressure on ecologically sensitive areas such as forests and hills that serve as catchment areas as well as water recharge areas. This entails that more land will be opened up for agricultural purposes, which will potentially lead to forest degradation and loss of biodiversity, consequently contributing to severe climate change and its related effects. However, the impact of anticipated increase in agricultural activities on land can be managed through the promotion and adoption of Climate Smart Agriculture (**CSA**) practices, aimed at reducing agriculture land expansion while increasing crop yields.

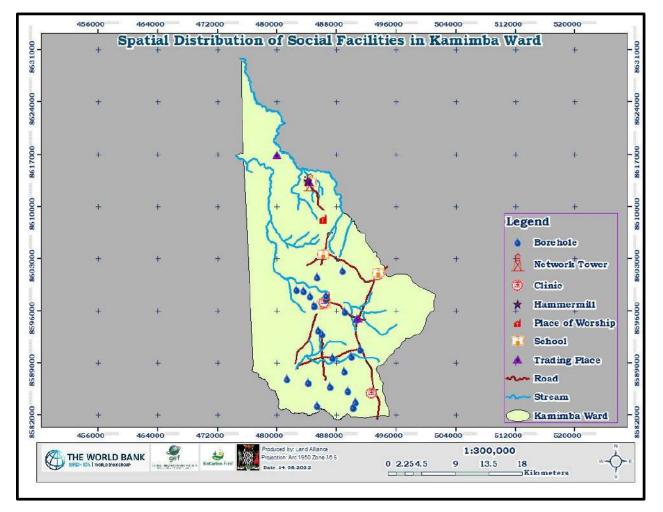
3.3.2 Social Facilities

Kamimba Ward currently has five (5) schools, classified as follows:

- Four (4) primary schools, namely: Lumumba, Mwimba, Chamkoma and Chikomeni Primary Schools.
- One (1) secondary school, namely: Chikomeni Secondary School.

The ward currently has **three** (**3**) health facilities, namely: **Chikomeni, Mwimba** and **Ndaiwala clinics**.

Kamimba Ward also has the following facilities: 23 boreholes, 3 hammermills, 2 graveyards, 4 places of worship and 1 FRA shed.



The map below shows the spatial distribution of social facilities in Kamimba Ward:

Figure 6: Spatial Distribution of Social Facilities in Kamimba Ward

3.4 Source of Livelihood

Livestock keeping and subsistence farming are the predominant livelihood activities in Kamimba Ward, with soya beans, maize, sweet potatoes, sun flower, tobacco, cotton and groundnuts being the main crops grown. Animals reared by the local residents of Kamimba Ward include cattle, pigs, goats, sheep, chickens, and ducks. The products are either sold to the Food Reserve Agency

(FRA) or in urban centres of Lumezi. The communities in Kamimba Ward also survive on nonwood products such as fruits, mopani worms, mushrooms and honey among others.

3.5 Livelihood Security

Livelihood security is the secure adequate access to resources as well as income generating activities to meet basic needs and it is shaped by the changing natural environment (Kassa, 2018). Securing the livelihoods of Kamimba Ward residents is closely associated with the limited development of economic opportunities in the area because most, if not all, residents depend on undiversified sources of livelihood based on rain-fed agriculture.

Livelihood security is often influenced by possibilities to diversify livelihood sources. If there are diversified livelihood sources, chances of attaining livelihood security are high. However, the over-dependence on agriculture as a livelihood source has contributed to soil degradation as the only option available is to open up new fields by cutting down trees, leading to deforestation, which has a negative effect on the climate. On the other hand, climate change affects rainfall patterns which further affect agricultural productivity thereby endangering the livelihoods of the local people of Kamimba Ward.

3.6 Livelihood and Natural Resource Utilisation

Sustainable Livelihood refers to a livelihood that can cope with and recover from stresses and shocks, maintain or enhance its capabilities and assets both now and in the future, while not undermining the natural resource base (Ayantoye et al, 2017). The over-dependence of Kamimba Ward residents on agriculture has led to increased pressure on the natural resources, especially land being the means of production for agricultural-based sources of livelihood. This unsustainable natural resource utilisation for survival, such as cutting down trees for field expansion leaves the lands bare, thereby resulting in soil degradation, which, in return, affects productivity.

On the other hand, farming practices adopted by the locals contribute to soil degradation, which forces them to abandon old fields and open up new ones with a view to increasing yields. Thus,

adopting conservation farming is encouraged so that one field can be used over and over without affecting the yields. This, in turn, will reduce the rate at which new agricultural fields are being opened up, thereby conserving trees.

Increase in population has equally contributed to unsustainable natural resource usage in that community members clear land for purposes of settlements and agriculture because their livelihood is entirely dependent upon farming. Thus, they either clear land for field expansions or to open up new fields.

Trees (forest) serve as natural habitats for various wild animals, birds and insects which get affected when their habitat is cleared. These animals, birds, and bees have the capability to serve as alternative livelihood sources through careful management. For example, the locals can venture into beekeeping as a business. However, the clearing of trees has led to the disappearance of biodiversity in the area.

3.7 Livelihood Constraints and opportunities

Agriculture and charcoal selling are the major livelihood activities in Kamimba Ward but due to changing climate the area has been experiencing late onset of rains, occasional dry spells and floods which have affected yields, thereby affecting the livelihood of people. However, there are opportunities of improving the yields through practising climate smart agriculture which ZIFLP, through the Ministry of Agriculture, has been implementing in the ward. Additionally, communities can be encouraged to form cooperatives or groups which various stakeholders can support to venture into environmentally-friendly value addition projects to process raw products and sell them as finished products. In order to minimise the livelihood constraints in the ward, sustainable investment in agro-industries to enhance value addition and the establishment of market infrastructures are of great importance. These can, in turn, improve food security and aid in poverty reduction through exploration of alternative sources of livelihood. The table below summarises the constraints and opportunities in Kamimba Ward:

Constraints	Opportunities
• Low agricultural yields due to poor farming practices	• Switching to climate smart agriculture
Lack of initial startup capital	• Venturing into value-addition activities
Lack of alternative livelihood sources	Establishment of market infrastructure
Poor road network to access some villages	Construction of feeder roads
Lack of electricity	• Investment in green energy e.g., solar

Table 4: Livelihood Constraints and Opportunities

3.8 Biodiversity Hotspots

The sustainable use and protection of biodiversity is an integral component of successful Land Use Planning. There is a need to identify the existing biodiversity together with the local population. Any conflicts of interest must be brought out and resolved leading to greater social acceptance. LUP is one of the tools utilised in biodiversity protection as it helps in identifying existing biodiversity and also creates a broad consensus on the sustainable use of natural resources leading to the conservation of biodiversity. Kamimba Ward has various biodiversity hotspots and the following hotspots were identified during the PLUP preparation process:

3.8.1 Streams and Dams

Kamimba Ward has several seasonal and year-round streams and no dams. These water bodies, which are biodiversity hotspots, can be protected by the enforcement of by-laws which restrict bad farming methods and also encourage adherence to the 50m buffer zone rule around water bodies as stipulated in the Environmental Management Act.

3.8.2 Forests

Kamimba Ward has **one** (**1**) forest and part of Lundazi forest falls inside Kamimba Ward boundary. Kamimba Ward also has **3** hills. These hills and forests are biodiversity hotspots which need protection and conservation. These hills and forests are frequently affected by bushfires either as a result of mouse hunting or clearing of fields. Restriction of burning of fields to months between August and October of every year as well as by-laws prohibiting bushfires and expansion of fields and settlements can help in protecting these forests, hills and woodlots in Kamimba Ward.

The map below shows the biodiversity hotspots in Kamimba Ward that were identified during the PLUP preparation process:

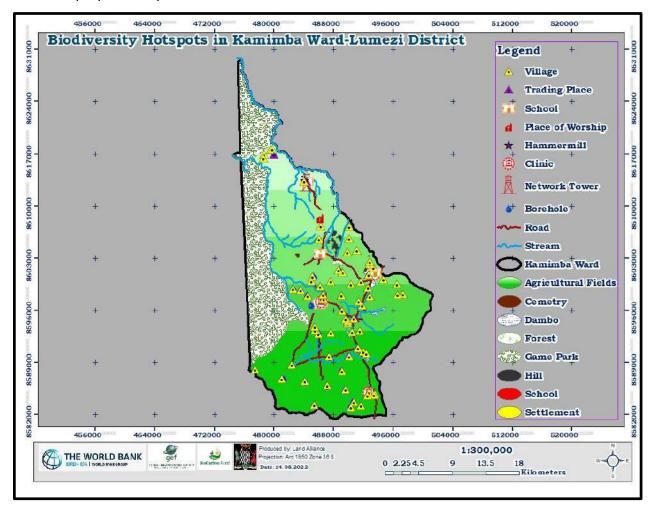


Figure 6: Biodiversity Hotspots

3.9 Ecosystem Function

Ecosystem function is the capacity of natural processes and components to provide goods and services that satisfy human needs, either directly or indirectly (de Groot et al 2002). Although unsustainable agricultural practices and charcoal production in Kamimba ward are the main factors transforming the natural resource base (which in turn affects the biodiversity due to habitat loss), unplanned settlements and soil degradation have also led to disturbance of the ecosystem. Further, poor livestock grazing area management has continued to cause a decline in the ecosystem. However, there are no settlements encroaching into the designated forest areas and it is hoped that this PLUP will be instrumental in influencing ecosystem restoration and aiding in the conservation of biodiversity.

4. CURRENT LAND USE PATTERNS

4.1 Overall Land Use

Kamimba Ward has forests, woodlots and several hills, and the main land uses are as shown in table 5 below. As can be seen, agricultural fields cover the biggest portion of the ward (75.08%), followed by Lukusuzi Game Park (23.70%), forests (6.26%), dambos (0.41%), hills (0.33%) and settlements (0.24%). However, it is worth noting that some shared resources overlap the ward boundaries, meaning that communities share these resources. Shared resources need to be considered in relation to existing key stakeholders who live adjacent to them. The table below shows the different land uses, the area sizes and the percentages of the whole ward:

No.	Land Use	Hectares	% Coverage	Comment
1.	Total Ward Area (ha)	62,855.1		This is the total area of Kamimba Ward.
2.	Agriculture	47,194.2	75.08%	This is land under cultivation.
3.	Forest	3,934.7	6.26%	All land mapped as forest.
				3,841.1 ha (97.6%) of this mapped land is also classified as Game Park (dual-use).

4.	Settlements	152.3	0.24%	These include villages and other built-up areas such as schools, health facilities, cemeteries, football fields, markets etc.
5.	Hills	208.9	0.33%	Hills not designated as forests but also not used for human settlements or agriculture
6.	Lukusuzi Game Park	14,896.2	23.70%	Land classified as game park. 3,841.1 ha (25.8%) of this mapped land is also classified as forest land (dual-use).
7.	Dambos	255.8	0.41%	Dambo areas reserved for animal grazing

Table 5: Land Use Reservation

4.2 Land Use Suitability Analysis

This is an analysis that was done to identify the suitability of Kamimba Ward for agriculture as a land use. The analysis focused on agriculture as a whole and not necessarily evaluating the individual crops grown in the Ward and it was based on the soil types found in Kamimba.

4.2.1 Soil Type Agricultural Suitability Analysis

There are **4** Soil Zones covering Lumezi District, namely: **Vertisol-Luvisol, Fluvisol, Acrisol** and **Lithosol**. The **Acrisol** Soil Zone is characterised by rich clay subsoil mostly associated with humid tropic climate and often supports forested areas. Acrisols are easy to till but are characterised by low fertility, low water holding capacity and more toxic amounts of aluminium, which make them unsuitable for agriculture (Peter Schad, 2006). The **Lithosol** Soil Zones are characterised by rocky sandy soils which are very shallow soils developed from various non-carbonated hard rocks and sandy soils which are well aerated but do not hold much water and they have poor nutrients, making them unfavourable for agricultural practices (Ersek, 2020). **Vertisol** Soils are clay-rich soils that shrink and swell depending on the moisture content. During the dry seasons, the soil shrinks, creating deep, wide cracks, and during the rainy season, the soils swell due to the water content. The **Luvisol** Soil Zones are characterised by red clays or red brown heavy loams which are difficult to till by hand, but rich in nutrients and have a good water holding capacity, hence favourable for farming activities. **Vertisol-Luvisol** soils are a combination of the two soil types (**Vertisol** and **Luvisol**), hence their variability. The **Fluvisols** Soil Zones are mostly found in flooded plains and are characterised by weak topsoils and are made up of materials from river sediments. They can

be used for farming if water levels can be controlled, and are mostly good for crops like rice that require a lot of water. Kamimba Ward is covered by **Lithosols** and **Acrisols**. Thus, all agricultural activities in Kamimba Ward are done in these soils. The map below shows agricultural land use suitability of Kamimba Ward based on the Soil types:

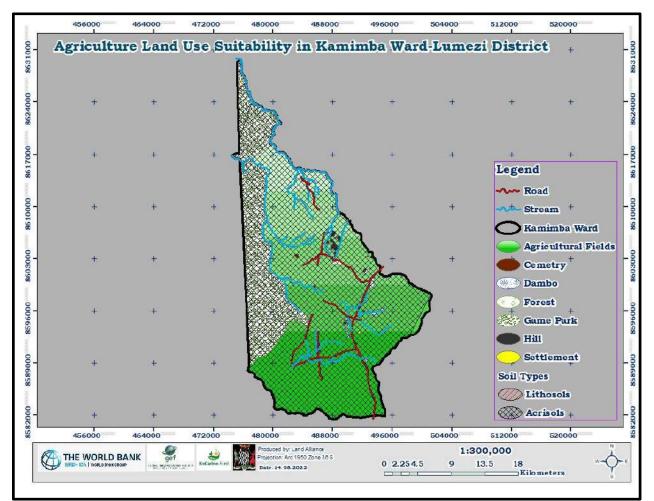


Figure 7: Kamimba Ward Agricultural Suitability Analysis Map

4.3 Land Resource and Administrative Boundaries

The land resources captured during the PLUP process are under Kamimba Ward and may spill over into other surrounding wards (such as Kachama and Lumimba). However, despite the overlapping of these shared resources between wards, local people in areas around Kamimba acquire their services from Kamimba Ward. The map below shows the land resources in Kamimba Ward:

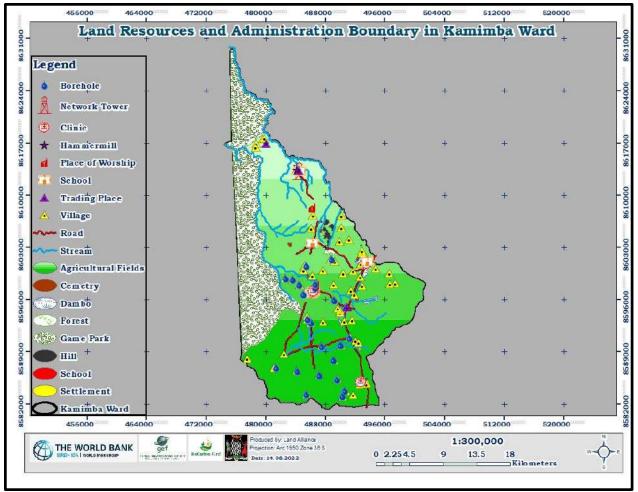


Figure 8: Land Resource and Administration Boundaries

4.4 Current Land Uses

In terms of land uses, Kamimba Ward is mainly covered by agricultural fields, Lukusuzi Game Park, forests, dambos, hills, settlements and areas for social services such as schools, places of worship and other communal services like cemeteries, roads and streams. The map below shows the current land uses in Kamimba Ward:

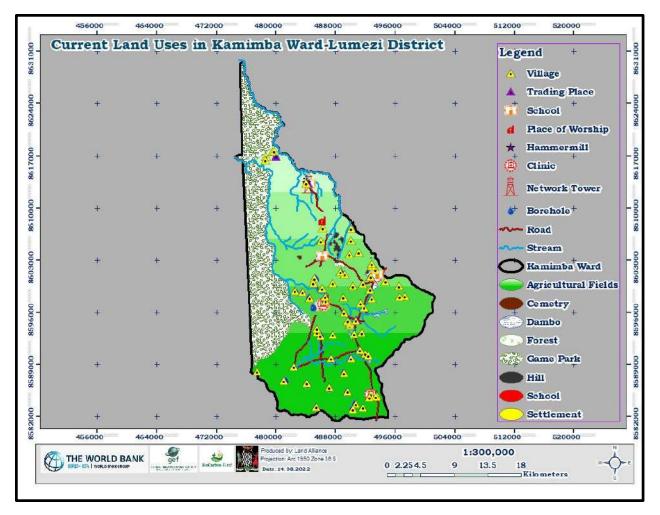


Figure 9: Current Land Uses

4.5 Land Use and Agriculture

Agriculture is a common land use in Kamimba Ward. Most of this land is under Climate Smart Agriculture supported by the Government. The map below shows areas of Kamimba that are used for agriculture:

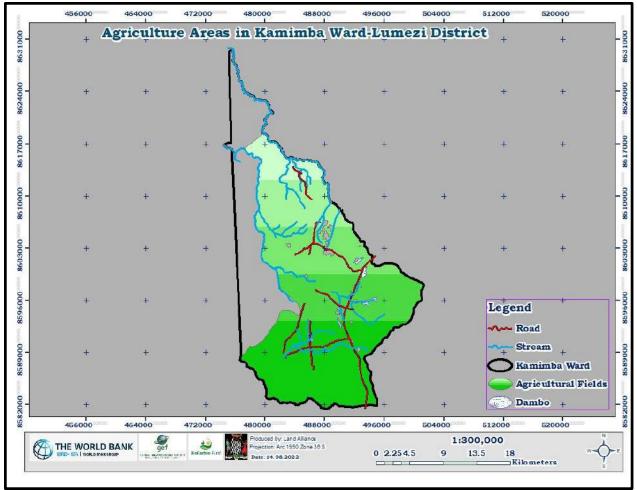


Figure 10: Land Use and Agriculture Map

4.6 Land Use and Forest

The purpose of protecting forests is to provide for conservation and development of forest with a view to securing supplies of timber and other forest produce, protection against floods, erosion and desiccation, withering and maintaining the flow of rivers. Apart from the existing forest area and Lukusuzi Game Park, communities can set aside woodlots within the villages for conservation. Currently, these forests and hills are where they get firewood, mushrooms and vinkubala (mopani worms).

In as much as areas for conservation can be set aside by the community, there is need for awareness on the effects of indiscriminate cutting down of trees along the water bodies where there is riverine vegetation. This will mitigate erosion and siltation in order to enable the water bodies in the area to restore and hold water for a long period even during the drier seasons. The trees in the river banks will also be conserved in order to prevent streams from drying up early and this will result in the rise of the water table. The map below shows the forest areas of Kamimba ward:

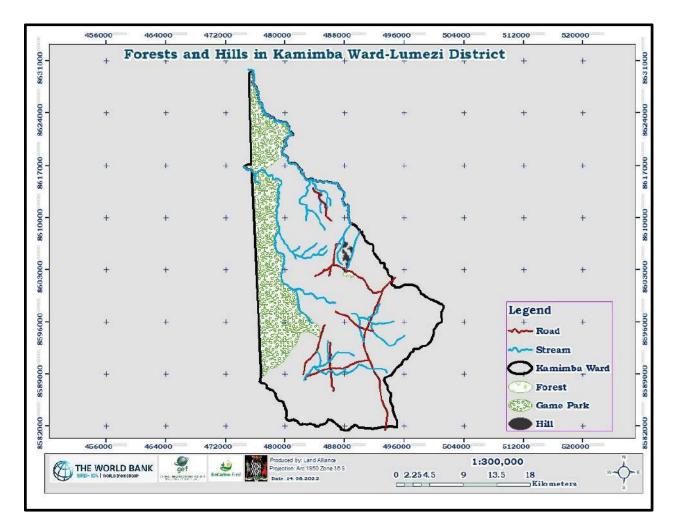


Figure 11: Land Use and Forest

4.7 Land Use and Wildlife

One of the objectives of PLUP in Kamimba Ward is to create an enabling environment for conservation and development of wildlife with a view to increasing economic activities leading to improved livelihood in the area. Currently, there are a lot of animal sightings and presences of wildlife in Kamimba Ward. This is attributed to the presence of Lukusuzi National Park and the

wildlife corridor used by elephants and other animals moving between Lukusuzi Game Park and Kasungu National Park in Malawi. Humans have settled in this animal corridor, causing humananimal conflict.

Currently, large mammals such as elephants are frequently sighted in the area. During the community engagement activity, it was suggested that one way to restore wildlife in the area is by enhancing forest conservation, engaging in sustainable agricultural practices, enhancing conservation meetings on coexistence with wildlife, enhancing mitigation measures on human-wildlife conflict, and introducing exchange programs. The wildlife corridor needs to be free of human settlement to prevent human-animal conflict and to enable vibrant wildlife in the area.

4.8 Land Use and Mining

Kamimba Ward has no legally established mines.

4.9 Land Use and Tourism

There are a lot of tourist attraction sites or activities in Kamimba Ward, because it lies in the GMA of Lukusuzi National Park. However, more can be done to increase tourism in the area.

4.10 Land Use and Physical Development

Kamimba Ward is characterised by various physical developments ranging from schools, churches, health facilities, settlements, and markets. Changes in land use for creation of new settlements or expansion of existing ones is an area of concern in Kamimba Ward because land used for settlements usually becomes a permanent feature, never to revert to the original (environmentally friendly) land use.

The Ward has **five** (5) schools – out of which **four** (4) are primary schools, namely: **Chikomeni**, **Chamkoma**, **Lumumba** and **Mwimba Primary Schools** and **one** (1) is a secondary school, namely: **Chikomeni Secondary School**. There are **three** (3) health posts in Kamimba Ward, namely: **Chikomeni**, **Mwimba** and **Ndaiwala Clinics**. The map below shows the physical developments of Kamimba Ward:

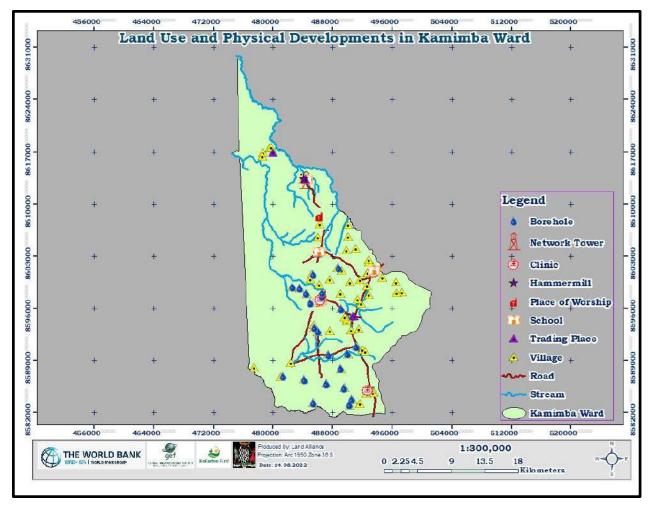


Figure 12: Land Use and Physical Development

5. COMMUNITY PARTICIPATION

5.1 Community Engagement Process

Before the commencement of community engagement meetings, the DMTs were oriented in Participatory Land Use Planning with a lens of **SBIA**. The PLUP training workshop was conducted for five days, facilitated by officers from the Physical Planning Unit, Provincial Administration and officers from Land Alliance, a Technical Service Provider engaged to facilitate Participatory Land Use Planning in Eastern province. DMT staff from Lumezi were trained in facilitation of PLUP. At the end of the training, the DMT was guided to prepare an action plan and budget to be used for facilitating PLUP activities in Lumezi District.

In the initial stages of PLUP activities in Kamimba, Chief Chikomeni was identified to be the custodian of land in Kamimba Ward. The team went to the Chief to explain and solicit support for implementation of PLUP in the Ward falling in his Chiefdom. He expressed happiness and promised to offer support during the whole process of PLUP. He provided responsible Indunas to work with.

Community engagement and participation is cardinal to the success of every community project, as it inculcates project ownership and sustainability. PLUP in Kamimba Ward was embarked on through a series of community engagement meetings which involved meetings with the Chief, Indunas, Headpersons and the community at large in sharing the PLUP concept so that Free Prior Informed Consent (**FPIC**) could be adhered to.

Since Kamimba Ward has villages which are far stretched apart, community engagement meetings were held at **nine (9)** designated villages. This was done to ensure that many members of each village community attended for the purpose of getting acquainted with the PLUP concept and getting first-hand information for better and uniform decision-making processes in each respective community stretching across the whole Ward.

Community engagement meetings were held in three (3) phases as follows:

First Phase: Consisted of the first village meetings. During the first village meetings, community members were exposed to the concept of PLUP which involved community identification of shared resources, identification of problems affecting the management of resources, sketch mapping of these resources and other spatial features. Participants were guided in drawing sketch maps that depicted resources in their area. To enhance participation, participants were put in three separate groups of youths, women and men. This allowed peer-to-peer interaction

among participants during the exercise. After drawing the sketch maps one representative from each group was asked to present the maps before the meeting.

The maps revealed a number of resources, natural and man-made, that were in Kamimba Ward. These resources included streams, dams, forests, hills, dambos, fields, schools, health facilities, roads etc. After the exercise, facilitators captured images of the maps and original copies were left with the communities. The pictures below demonstrate the steps during this phase:



Second Phase: Consisted of rapid village assessments where village coordinates were captured by the enumerators in the company of Head Persons so that Shared Resource Maps can be digitised and produced. Below is a picture showing the product of this stage in the process:

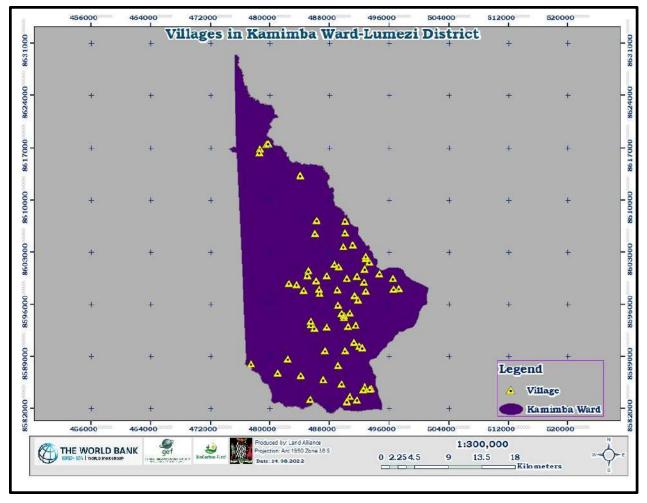


Figure 13: Village Rapid Assessment Exercise

Third Phase: In this phase community engagement meetings were also conducted for the verification of the digitised Shared Resource Maps in all the villages. This presented an opportunity for the community members to make objections, corrections and additions on the earlier submitted shared resource information. Community engagement meetings also involved zoning activities in all the village areas for future land uses. Members of the community were involved in the mapping of the proposed future land use areas. It was during the third phase of community engagement that Resource Governance Rules were also formulated for approval by HRH Chief Chikomeni. Below are pictures showing communities validating the mapped resources and proposing areas of conservation:



The attendance registers for each meeting have been attached in Annex 2.

5.2 Agreed Local Rules for Land Use and Resource Management

Prudent management of natural resources where the residents derive much of their livelihood in the rural communities is a daunting task in the absence of agreed local rules for land use and resource management. The formulated by-laws for Kamimba Ward aimed at facilitating the prudent use of local resources are attached as Annex 1.

5.3 Problem Identification

There are several challenges that rural communities face and Kamimba residents are no exception. The most prominent challenges are:

- Unsustainable agricultural practices.
- Lack of safe water sources
- Lack of tenure security due to undocumented tenure rights.
- Marginalisation of the vulnerable groups such as women and youths.
- Human-Wildlife conflict due to settlements in the wildlife corridor.

Issues affecting land use in Kamimba Ward were captured during the clustered community meetings which were conducted. The problems, causes and suggested solutions to the problems faced by residents of Kamimba Ward are as outlined in the table below:

 Inadequate safe water sources Drying of streams 	Poverty Ignorance	• Drilling of boreholes and Dam
 Delayed rains Loss of soil fertility Reduced crop yield Shortage of land for agriculture Poor roads Deforestation Inadequate communication facilities Inadequate Dams 	Seasonal streams and late onset of rains Lack of alternative livelihood sources Unsustainable agricultural practices Land degradation Lack of by-laws Inadequate communication towers Siltation	 construction Adopting conservation farming practices Adopting climate smart agriculture practices Rehabilitation/construction of roads and related infrastructure Skills in mushroom conservation and bee keeping Construction of Dams Installation of Communication Towers.

6. CORE ISSUES AFFECTING LAND USE AND THE ENVIRONMENT

At the nine (9) clustered community meetings held at Mwimba, Chikomeni, Lupampha, Changulube, Chamkoma, Kasinde, Kamkwezi, Lumamba and Ndaiwala, community members across villages in Kamimba Ward identified various problems affecting them. During this session, participants were guided in how to prioritise the identified problems. This was done through pairwise ranking, which involved participants comparing a particular problem against each of the other identified problems. This was done to help communities to identify and rank problems in order of importance and gravity so that core problems could be identified for intervention. This activity revealed the actual core problems to be addressed, as the others identified as problems were simply the results of the core problems. The main core problems identified at these meetings are listed in table 6 above.

The quest to increase crop production often leads to expansion of agricultural fields and consequently encroachment into forests.

The high levels of poverty in the Ward make communities heavily dependent on fuelwood and charcoal. The identified alternative sources of energy such as gas stoves and cook stoves are unaffordable and extensively unavailable.

Land tenure regarding forests and other communal/shared resources is often misunderstood because the communities claim that forests and trees in the wild in general do not belong to anyone. In addition, forest fires were identified as a key driver to deforestation and forest degradation. There is a general belief held among communities that bush fires, being a long-term part of their forest forest and land management system and historical part of their culture, does not significantly affect forests in a negative way.

Participants were further guided to identify the causes of such problems. This was done to make them realise that there was a human activity element related to the problems. Facilitators summed up the activity by explaining that some of the problems identified, especially those related to the environment, were as a result of lack of Land Use Planning.

6.1 Lack of Safe Water Sources

Residents of Kamimba Ward mainly depend on boreholes and water wells for water, although most of the boreholes are limited to areas around schools and health facilities. As a result, those living far from such facilities have challenges in accessing water, especially that all the streams in the Ward are seasonal. During one of the community engagement meetings, they suggested that if beekeeping as an enterprise is to thrive in the ward, boreholes need to be sunk closer to the forests because bees depend on water to survive. The current scenario is that water points are located further away from forests. The map below shows the distribution of water points in Kamimba:

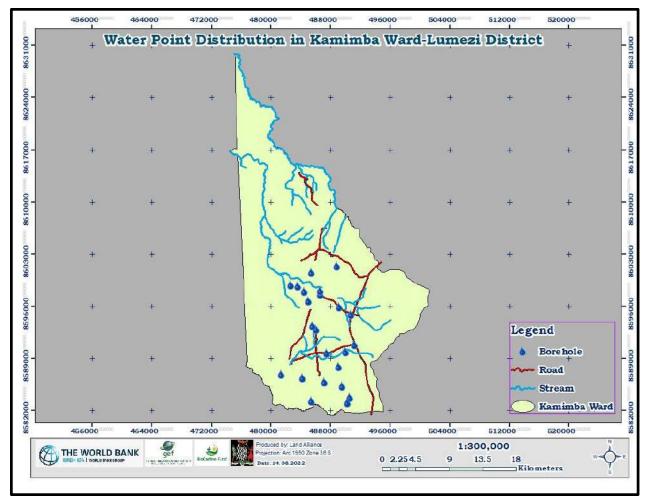


Figure 14: Distribution of Water Sources

6.2 Soil Degradation

This problem is mainly as a result of encroachment into forest areas and protected areas, unsustainable agricultural practices, bush fires and cutting down of trees for either charcoal production, field expansion or by animal grazing. This has, in turn, affected land productivity, leading to food insecurity and livelihood challenges. Thus, adoption of Climate Smart Agriculture and formulation of by-laws prohibiting unsustainable land resource use can help avert the problem of land degradation.

6.3 Poor State of Roads and Related Infrastructure

Inadequate transport system and lack of proper road network hampers development in Kamimba Ward because the movement of goods and services (required for such development) depends on transportation. The Ward also lacks other road-related infrastructure such as bridges/culverts, making certain areas inaccessible, especially during the rainy season. This makes access to essential services such as health facilities and schools very difficult for residents, especially those in far away places.

6.4 Long Distances to Schools

The entire Kamimba Ward has a total of **five** (**5**) schools, out of which **four** (**4**) are primary schools and **one** (**1**) is a secondary school. These schools enable children within the Ward to receive adequate primary education, but the presence of only one secondary school in the Ward means children need to cover long distances to access secondary school education in the ward.

With reference to the Ministry of Education standards of population of having access to school facilities within 5 kilometres distance, the analysis on Kamimba Ward shows that:

- 18 of the 69 villages in the Ward fall within the recommended 5km radius of the only Secondary School in Kamimba Ward (Chikomeni Secondary School). The remaining 51 villages fall outside the recommended 5 km radius.
- 42 of the 69 villages in the ward fall within the recommended 5km radius of one or more of the 4 primary schools in Kamimba Ward. The remaining 27 villages fall outside the recommended 5 km radius.

That being the case, secondary education levels are generally low in Kamimba Ward. This is mainly attributed to the lack of adequate secondary education facilities due to the Ward not having enough secondary schools. The figures below show the education facility service radius for primary and secondary education:

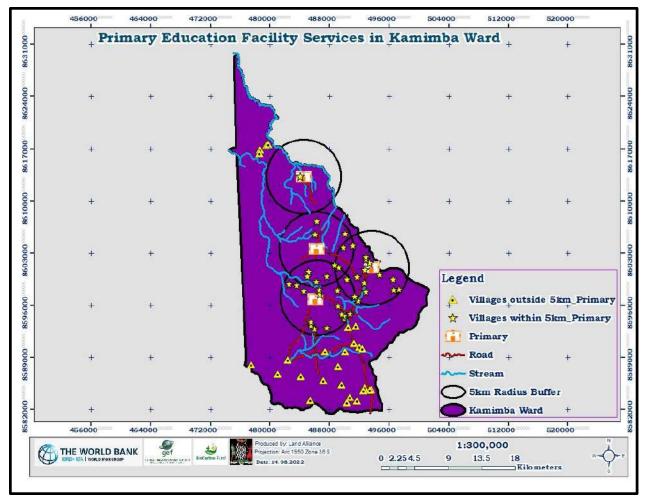


Figure 15: Primary Education Facility Service

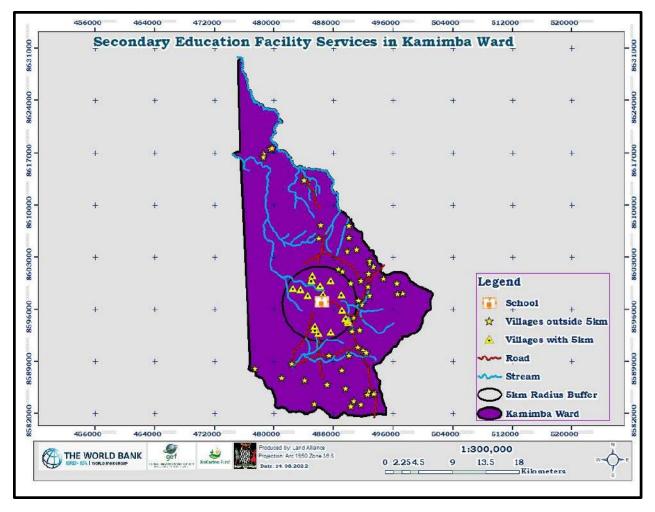


Figure 16: Secondary School Education Facility Gap

6.5 Inadequate Health Facilities

There are currently **three** (**3**) health facilities servicing the residents of Kamimba and other surrounding areas. Based on the standards of the population having access to health facilities within 5 kilometres distance, the analysis on Kamimba Ward shows that:

• **47** of the **69** villages within Kamimba Ward fall within the recommended 5km service radius of 1 or more of the 3 health posts in the ward. The remaining **22** villages fall outside this recommended distance.

Thus, it suffices to mention that any future plans by the community should take care of the demand for primary health care which will increase in Kamimba Ward and surrounding areas due

to people migrating from other parts of the district. The current health services will need to be expanded in order to improve the quality of health care. More health personnel will be required to ensure that the current high health worker to patient ratio is reduced. The map below shows the health facility service gap in Kamimba Ward:

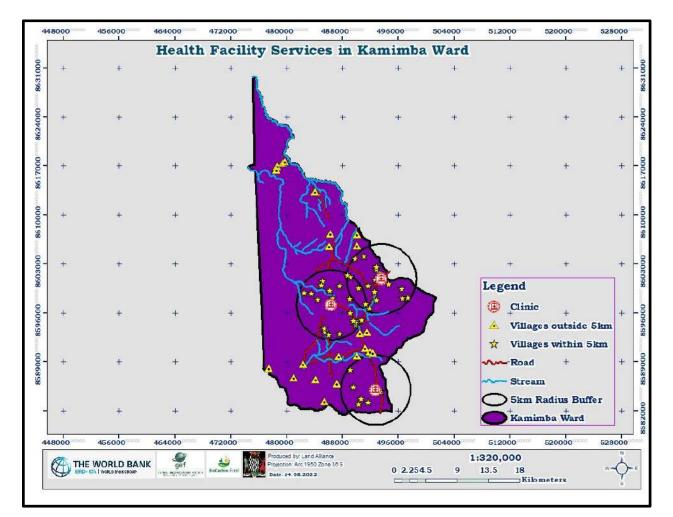


Figure 17: Health Facility Service Gap

6.6 Inadequate Telecommunications Facilities

Kamimba Ward is currently serviced with 1 telecommunication network tower. The data analysis in the area shows a deficiency of this service, because of intermittent network connection in certain villages within the ward. The telecommunication network tower installations facilitate the ease of access to diverse forms of information within the shortest possible time. Having more telecommunication towers installed in the Ward would enable the residents of Kamimba Ward and surrounding areas to interact through phone-calls, messaging, internet etc. With the development of the 4G internet speed, citizens are able to surf the internet with less difficulty. Mobile money platforms have also made money transactions easier. In order to make this possible, several service providers ZAMTEL (Zambia Telecommunications Network), MTN (Mobile Telecommunications Network) and AIRTEL have established themselves in Lumezi district, through the installation of network towers which enable transmission of signals containing information from the sender to the recipient, and vice versa, and capturing of satellite signals.

The advent of the Covid-19 pandemic, which led to the closure of all learning institutions in the country in 2020 and 2021, forced most institutions to conduct lessons using e-learning platforms, especially for students and pupils in examination classes. Kamimba Ward was no exception to this, and the lack of adequate telecommunication towers presented challenges in internet access for residents of the Ward and most pupils in Kamimba Ward were affected by this. This highlights the need for adequate telecommunication facilities to be installed within the ward.

7. LAND USE PLANNING – ZONING, VALIDATION AND GOVERNANCE RULES

This activity was meant for communities to object, correct and confirm that all the mapped resources were captured on the maps and propose areas to be protected. Communities agreed on the by-laws that will help them manage their resources and other areas of development in a sustainable manner. Eight (8) clustered meetings were held in Kamimba ward at Chamkoma, Kasinde, Mwimba, Kamkwezi, Chikomeni, Lupampha, Lumamba and Changulube zones. The **9th** zone (**Ndaiwala Zone**) did **not** hold a zoning and validation meeting because they were afraid of being displaced by the government since their settlements are in the animal corridor and this could lead to human-animal conflict. For the remaining 8 Zones where meetings were held, printed shared resource maps on A1 were presented to the communities to confirm if the shared resources shown on the maps were a true reflection of their input. This was done in a consultative manner to make sure that the communities take responsibility for the process and the product, which is the PLUP. Community members selected the resources to be protected and zoned the areas and proposed other areas for developmental activities such as trading areas, clinics, schools and any other facilities that would support the improvement of their livelihood. Shared resources in the Ward overlap between sections/areas, especially that these sections/areas have imaginary boundaries. Thus, for the purpose of clearly presenting the proposed land uses, the meetings were clustered into eight (8) areas with total attendance of 267 disaggregated as 170 male and **97** females as shown in table 7 below:

Community Area	Female	Male	Total No. of participants
Chamkoma	16	30	46
Kasinde	13	36	49
Mwimba	18	41	59
Kamkwezi	7	7	14
Chikomeni	6	13	19
Lupampha	16	10	26
Lumamba	6	11	17
Changulube	15	22	37

Table 7: Attendance Statistics

7.1 Chamkoma Community Meeting

The first validation meeting was held in Chamkoma Zone, with a representation of 22 villages, namely: Mkanda, Tenesi Farm, Yokoniya Farm, Chisapo, Kamufuneni Farm, Labani, Zombe Farm, Chikoweka Farm, Kalutwa, Zomelani Farm, Yakobe Farm, Mankhomba Tumeyo Farm, Aleluya Farm, Kenani Farm, Chimangeni, Adamson, Loti, Malusa Farm, James Farm, Profesa Farm, Suzyo Farm. The total number of participants in this meeting was 46 (30 Males, 16 Females). The community proposed the construction of a dam at Zovwa and a trading area at Chamkoma.

The rationale for the proposed developments was built on the problems that were identified during the first village meetings conducted in the area as a measure of mitigating the effects of climate change and improving their welfare by identifying alternative sources of livelihood. For example, if a dam can be constructed, it would provide an opportunity for smallholder farmers to venture into fish farming and irrigation farming. Meanwhile, the same dam would provide water to their animals, and in the long run, their dependence on charcoal production as a means of survival would reduce. A forest would provide an opportunity for beekeeping and the establishment of trading areas would attract investments, which would result in upgrading and servicing of roads. The table below shows the proposed areas and their respective land coverages:

S/N	Proposed Development	
1.	Dam (Zovwa)	36.0
2.	Trading Area (Chamkoma)	0.5

Table 8: Land Reservations for Chamkoma Community Meeting

The map below shows the proposed developments and future land uses for villages that were represented during the meeting held at Chamkoma:

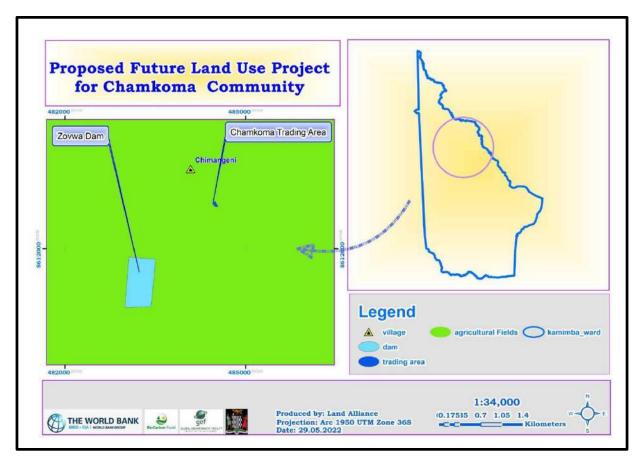


Figure 18: Future Land Use Map for Chamkoma Community Meeting

7.2 Kasinde Community Meeting

The second validation and zoning meeting was held in **Kasinde Zone**, with a representation of **22** villages, namely: **Lanta, Chikazika, Thom Farm, Chilalani, Saizi, John Farm, Mangulenji,**

Thapson, Yotamu, Harrison, Chipetuka, Eliyasi Farm, Chiuzi, Kondwelani, Mateyo Farm, Thula, Lameki Farm, Yadi Farm, Valapano, Isaac, Nkhalamu and Alamu. The total number of participants was 49 (36 Males, 13 Females). The community proposed the construction of Kasinde clinic, a dam and Kasinde trading area.

The table below shows the proposed areas and their area sizes and figure below is the map showing the proposed areas:

S/N	S/N Proposed Development	
1.	Dam (Kasinde)	1.2
2.	Trading Area (Kasinde)	26.7
3.	Health Post (Kasinde)	3.6

Table 9: Land Reservation for Kasinde Community Meeting

The map below shows the proposed developments and future land uses for villages that were represented during the meeting held in Kasinde Zone:

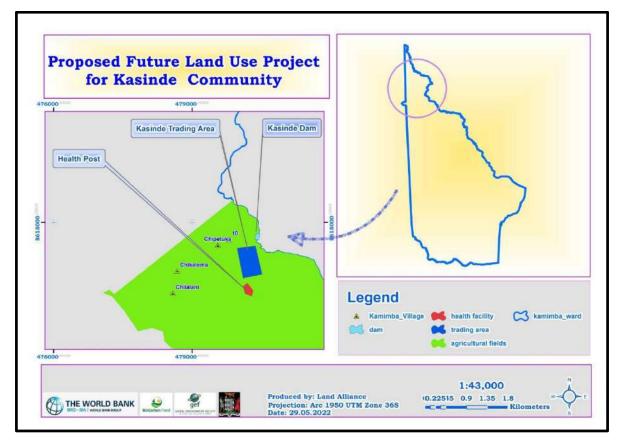


Figure 19: Future Land Use Map for Kasinde Community Meeting

7.3 Mwimba Community Meeting

The third validation and zoning meeting was held at Mwimba Zone, with a representation of 24 villages, namely: Chazilala, Timoti Farm, East Farm, Kalutwa Farm, Timothy Farm, Gigson Farm, Simeon Farm, Kambatika, Katesha, Chanje Farm, Kolesya, Mukochi Farm, Nkhunyungu, Kachigwada, Kamtolo, Pelekamoyo, Kayamba Farm, Dedeyo, Musaibale Farm, Zidyewe Farm, Chidongo Farm, Mphamba Farm, Lembani Farm and Chansungu Farm. The total number of participants was **59** (**41** Males, **18** Females). The community proposed the construction of a dam.

S/N Proposed Development		Area (Ha)	
1.	Dam (Mwimba)	25.6	
Table 10. Land Personation for Musimba Community Masting			

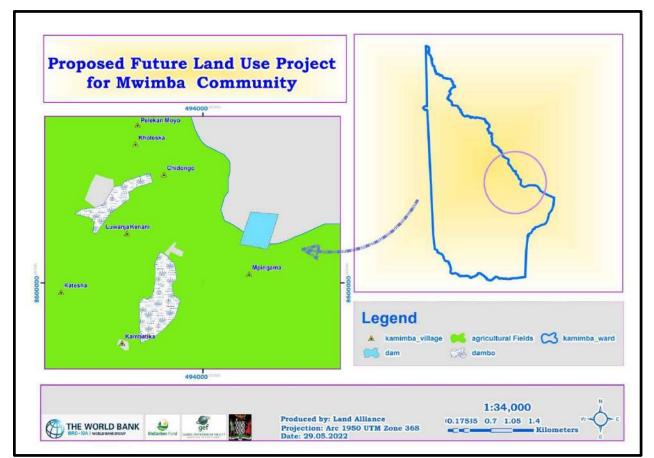


Table 10: Land Reservation for Mwimba Community Meeting

Figure 20: Future Land Use Map for Mwimba Community Meeting

7.4 Changulube Community Meeting

The fourth validation and zoning meeting was held at **Changulube Zone**, with a representation of **22** villages, namely: **Kadipo**, **Alick Nsomba**, **Lazalo**, **Chipite Farm**, **Siliya Farm**, **Komani Farm**, **Bilale**, **Chiwoza**, **Zichoka**, **Mkondasoka Farm**, **Jonasi**, **Lameck**, **Chipasula**, **Moses Farm**, **Kambeba Farm**, **5** Jolamu Farm, **Kasalika Farm**, **Paulo Farm**, **Isaac Farm**, **Malate Farm**, **Makasu**, **Mphunda Farm**. The total number of participants was **37** (**22** Males, **15** Females). The community proposed Changulube health post and construction of Kankhomba school. The table below shows the proposed areas and their area sizes and the map below shows the proposed areas:

S/N	Proposed Development		
1.	Health Post (Changulube)	3.3	
2.	. School (Kankhomba)		

Table 11: Land Reservation for Changulube Community Meeting

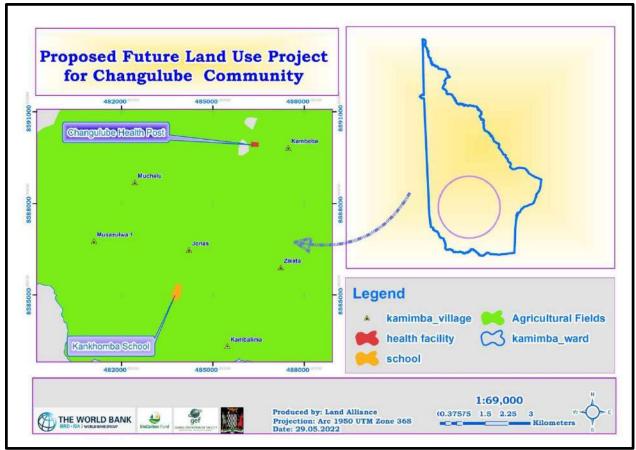


Figure 21: Future Land Use Map for Changulube Community Meeting

7.5 Kamkwezi Community Meeting

The fifth validation and zoning meeting was held at **Kamkwezi Zone**, with a representation of **6** villages, namely: **Kapunda, Chikwanda, Kamkwezi, Gilbert Farm, Yosefe** and **William**. The total number of participants was **14** (**7** Males, **7** Females). The community proposed the construction of a clinic but it was not mapped during zoning and validation because the community had not yet decided where to put it at that time.

S/N	Proposed Development	Area (Ha)	
1.	Clinic (location to be determined)	ТВА	
Table 12. Low d Decemention for Kendensei Community Marting			



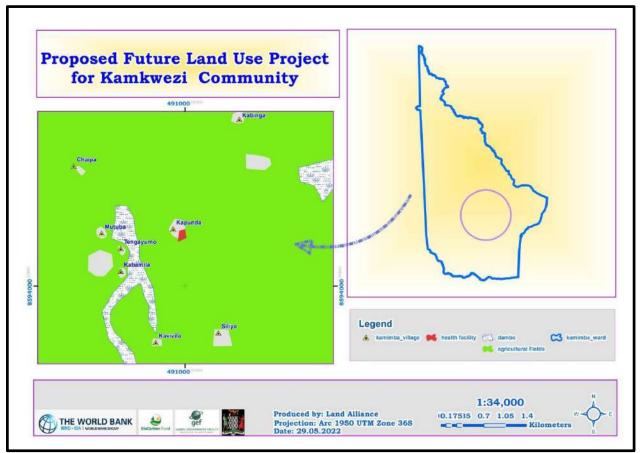


Figure 22: Future Land Use Map for Kamkwezi Community Meeting

7.6 Chikomeni Community Meeting

The sixth validation and zoning meeting was held at **Chikomeni Zone**, with a representation of **10** villages, namely: **Msekazawo**, **Chikumbi**, **Bwezani Farm**, **Jimusangu Farm**, **Tione**, **Limbikani**, **Lazarous Farm**, **Chidakwa**, **Panvick Farm**, and **Chipelembe**. The total number of participants was **19** (**13** Males, **6** Females). The community proposed an area for the construction of FRA storage shed, road construction from Chikomeni turn-off to Chikomeni centre and a community forest. The table below shows the proposed areas and their area sizes and the map below shows the proposed areas:

S/N	Proposed Development		
1.	FRA Shed (Chikomeni)	1.4	
2.	Road construction	-	
3.	Community Forest (Chikomeni)	30.6	

Table 13: Land Reservation for Chikomeni Community Meeting

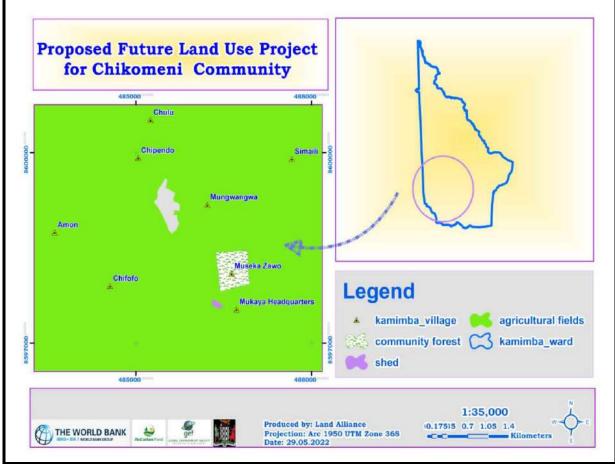


Figure 23: Future Land Use Map for Chikomeni Community Meeting

7.7 Lupampha Community Meeting

The seventh validation and zoning meeting was held at Lupampha Zone, with a representation of 14 villages, namely: Cent Farm, Kasote Farm, Makhasu, Wanyumba, Cheselani, Mandevu Farm, Kandakule, Mponda, Bicycle Farm, Gideon Farm, Harrawa Farm, Chaima Apa, Kambewa and Taipalelo. The total number of participants was 26 (10 Males, 16 Females). The community proposed areas for the construction of a clinic, dam and a trading area. The table below shows the proposed areas and their area sizes and the map below shows the proposed areas:

S/N	S/N Proposed Development		
1.	Clinic (Lupampha)	1.1	
2.	Dam (Lupampha)	63.5	
3. Trading Area (Lupampha)		0.6	

Table 14: Land Reservation for Lupampha Community Meeting

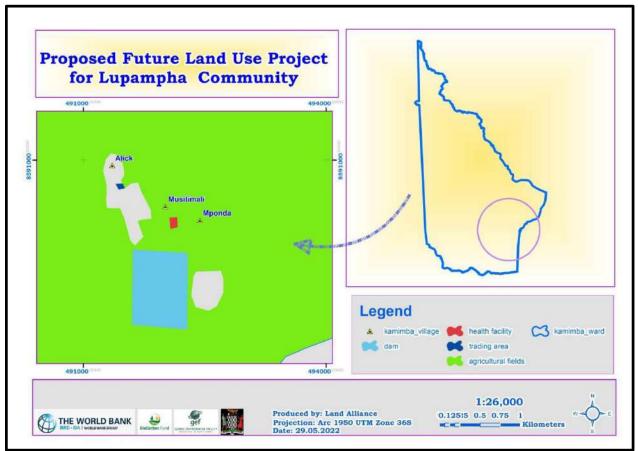


Figure 24: Future Land Use Map for Lupampha Community Meeting

7.8 Lumamba Community Meeting

The eighth validation and zoning meeting was held at **Lumamba Zone**, with a representation of **8** villages, namely: **Chipokoso**, **Chikuba**, **Chinkholongo**, **Esaya**, **Katukubila**, **Lumamba Farms**, **Chipota**, **Kondanani**, **Efraim Farm** and **Ackim Chisoni**. The total number of participants was **17** (**11** Males, **6** Females). The community proposed the grading of the road from Lumamba turn-off to Lumamba primary school, a **1**x3 classroom block at Lumamba primary school, drilling of 6 boreholes and a clinic near the primary school. The coordinates for the proposed area for the clinic were picked. The table below shows the proposed areas and their area sizes and the map below shows the proposed areas:

S/N	Proposed Development	Area (Ha)	
1.	Clinic (Lumamba)	4.9	
2.	Drilling of Boreholes	-	
4.	Grading of road	-	
Table 15: Land Reservation for Lumamba Community Meeting			

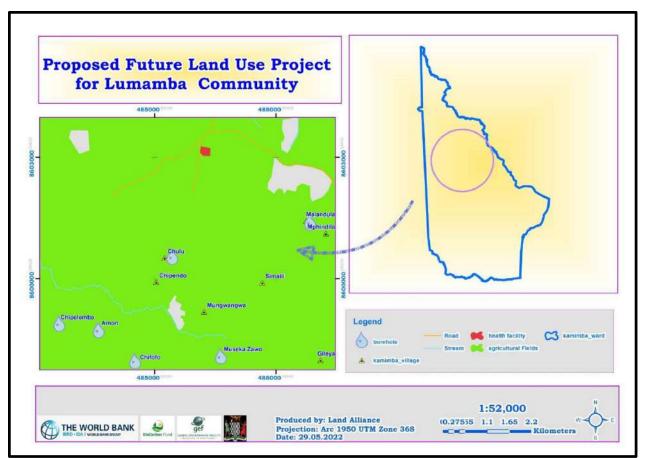


Figure 25: Future Land Use Map for Lumamba Community Meeting

8. FRAMEWORK OF THE PLUP AND ENVIRONMENTAL MANAGEMENT PLAN

The environmental assessment of Kamimba Ward highlighted the immediate development trends and environmental requirements of the area. Based on that, the PLUP Environmental Management Framework was compiled with the aim of guiding future developmental planning and decision-making processes. However, the potential environmental and social impacts of the PLUP activity are numerous, but mainly positive. Much of the negative impacts may be experienced during implementation of the identified sub-projects (based on the identified core issues within the ward) aiming to provide alternative livelihood sources and helping in mitigating unsustainable natural resource use and management. The specific impacts will be evaluated and distinguished during the preparation of the specific Environmental Management Plans (EMP) based on the identified sub-project investments. Therefore, this PLUP Environmental Management Plan was made with guidance originating from the current land uses and the proposed future land use analysis.

S/N	Aspect	Description	Impact	Mitigation Measure
1	Soil Erosion andLoss of fertile soil due to exposureDegradationand land degradation due toindiscriminate cutting of trees forapproximation	Clearing of land for agricultural expansion, settlements, etc. increases the soil erosive potential.	Revegetate cleared and abandoned areas.	
		agriculture and construction of homesteads.	nstruction of Crop cultivation methods have an impact on the soil quantity and quality leading to soil degradation.	Adoption of climate smart agriculture.
				Reduce land clearing to avoid unnecessary exposure of bare ground to the elements of the weather.

2	Habitat Destruction	around water bodies, which leads to arou drying of streams. Cutting of trees dryi	Clearing of land for agricultural use around water bodies, which leads to drying of streams. Cutting of trees for charcoal production.	Enhance community sensitization. Restrict activities in sensitive habitats.
				Avoid unnecessary exposure.
				Restrict cutting down of trees.
3	the rivers unsustainable resource management.	Destruction of wild fauna habitat due to unsustainable resource management. Potential investments are likely to break	Enhance community sensitization.	
		ecosystems, isolate species and cut off movements. For example, dams may block the upstream and downstream		Prohibit hunting.
				Restrict bush fires.
				Minimise cutting down of trees.
				Forest conservation.

				Restrict locations of dams.
4	Air Pollution	Decreased Air Quality	Dust is anticipated during the construction phase of the identified investments as well as from vehicle	Revegetate bare areas.
			movements and vehicle emissions is likely to cause air pollution.	Minimise vehicle movements and speed.
				Water down cleared areas to reduce dust emissions.
5	Resource Use Conflicts	Sabotage of investment and lack of ownership	Dam construction investments may cause conflict between those with different water needs such as farmers and pastoralists, fishery, household use, etc.	Formulation of by-laws.
				PLUP development.
				Land use decisions must be inclusive of all users and groups, including women, youths and differently abled people in the area.
6	Loss of Land	Displacement of communities or households and reduced grazing land which can cause conflict	There may be loss of farm and grazing land among others by the local communities owning land to	Communities must identify project areas in consultation with their leaders.

			investments projects and forest conservation.	Communities must use Free Prior Informed Consent (FPIC). Implement the land use plans
7	Human Wildlife conflict	Human-wildlife conflict is when encounters between humans and wildlife lead to negative results, such as loss of property, livelihoods, and even life.	Human-wildlife conflict has resulted in the decline and eradication of species in Kamimba ward which is a corridor for animals as they pass going to the Malawian side and on their way back. Communities have experienced financial losses and threats to health and safety, livelihoods, food security, and property.	Villages along the corridor should be relocated to other places to pave way for animals. Create more protected areas and buffer zones. Engage communities involved to find permanent solutions.
		E 11 16 E 1	ontal Managomont Plan	

Table 16: Environmental Management Plan

9. Implementation Strategy

The table below outlines the PLUP Implementation Strategy

Problem	Objectives	Strategy	Output	Indicator
Shortage of Water	To improve access to water	Dam Construction at	At least 4 dams constructed at	Number of dams constructed
for Human	supply for animals and for	identified sites	Zovwa, Kasinde, Mwimba and	
Consumption,	irrigation purposes		Lupampha	
Animals and		Borehole Drilling at identified	At least 10 boreholes drilled at	Number of boreholes drilled
Irrigation		sites	identified sites	
Inadequate Trading	To promote investment and	Construction of markets at	At least 3 markets constructed	Number of markets constructed
Areas	access to goods and services	identified sites	in Lupampha, Chamkoma and	
			Kasinde	
Inadequate	To create connectivity	Installation of communication	At least each	Number of communication towers
Telecommunication	between the rural and urban	towers by Telecommunication	Telecommunication Company	installed
Towers	communities for easy	Companies	should put up a tower (Zamtel,	
	dissemination of information		MTN and Airtel)	
	such as COVID prevention			
	and other pandemics			
Soil Degradation	To Promote Environmental	Tree planting exercise and	Plant at least 10,000 trees	Number of trees planted
	Protection and Conservation	promote natural vegetation		
	of Natural Resources	growth		

		Community Forest	Establish at least 1 Community	Number of Community Forests
		establishment in identified	Forests in Chikomeni	established
		areas		
Poor Agricultural	To promote agricultural	Adoption of Climate smart	At least 75% of local farmers	Percentage adoption of CSA
Practices	productivity.	Agriculture	adopt the CSA technique	
		Deployment of extension	At least 1 extension worker	Number of extension workers
		workers	deployed	deployed
Poor State of Roads	To promote spatial growth	Rehabilitation of roads	Rehabilitate all roads	Number and length (km) of roads
and Related	and improve transport			rehabilitated
Infrastructure	system	Construction of culverts and	Construct culverts and bridges	Number of culverts and bridges
		bridges	across all streams	constructed
nadequate Health	To increase the number of	Construction of health	Construction of at least 5	Number of health facilities
Facilities	health facilities	facilities in proposed areas	health facilities in Kasinde,	constructed
			Changulube, Kamkwezi,	
			Lupampha and Lumamba	
		Construction of health staff	At least 15 staff houses for the	Number of staff houses
		houses	proposed health facilities (3	constructed
			per health facility)	
Long Distances to	To attain a high-quality	Construction of new	Construct at least 5 classroom	Number of classroom blocks
Schools	education standard by increasing the number of schools and reducing the teacher to pupil ratio in all schools within the ward	classroom blocks	blocks in the ward (1 per	constructed
			primary school (4) and 1 for	
			the secondary school)	
		Construction of primary	Construct at least 1 primary	Number of secondary schools
		schools in identified areas	school in Kankhomba	constructed

		Construction of teachers/staff	At least 25 teachers/staff	Number of teachers/staff houses
		houses	houses for the proposed and	constructed
			existing schools	
Lack of Alternative	To enhance human	Establishment of a skills	At least 1 skills centre	Number of skills centres
Livelihood Sources	development through skills training and empowerment	training centre	established	established Number of people trained
		Train farmers in fish farming,	Train as many people as	
	programs	beekeeping and mushroom conservation techniques	possible	
		Establishment of value	At least 2 value addition plants	Number of value addition plants
		addition plants	established in the ward	established
Lack of FRA		Construction of FRA Community Shed	At least 1 FRA Community Shed	Number of FRA Community Sheds
Community Shed			constructed in Chikomeni	Constructed

Table 17: PLUP Implementation Plan

9.1 Capital Investment Projects

Priority Projects	Quantity	Unit Cost (K)	Total Cost (K)
Dam Construction	4		
Drilling of Boreholes	10		
Construction of Primary School	1		
Construction of classroom blocks for existing schools	5		
Construction of teacher staff houses (at schools)	25		
Construction of health posts	5		
Construction of health staff houses (at health facilities)	6		
Construction of Skills Training Centre	1		
Construction of FRA Community Shed	1		
Construction of Market	3		
Rehabilitation of roads	-		
Planting of trees	10, 000		
Construction of value addition plants	2		
Farmer Training (mushroom drying, beekeeping, etc)	-		
Installation of Telecommunication Towers	-		

Table 18: Capital Projects Identified

10. INSTITUTIONAL ARRANGEMENT FOR PLAN IMPLEMENTATION

The Local Authorities will play a critical role in supporting the implementation of PLUP in line with the guidelines and provisions of the URP Act No.3 of 2015. The Forestry Department, Department of National Parks and Wildlife and Ministry of Agriculture will be the main implementers of the PLUP while the Ministry of Health, Ministry of Education and other line ministries will be monitoring adherence to the zoning of the land use plan with regards to schools, health facilities and other developmental and social land reserves.

Kamimba Ward PLUP is envisaged to be implemented in line with the Lundazi/Lumezi/Chasefu JIDP which is running for a period of 10-years from 2021-2030. Being a local plan, the Traditional Authority will work hand in hand with the DMT team in the implementation process since the plan is part of the Integrated Development Planning framework. The plan also provides an opportunity for the traditional leaders to lobby for support from the government through local authorities e.g., from the Constituency Development Funds (CDF).

At chiefdom level, the traditional authority with guidance from the DMT team will choose community representatives who will be overseeing and executing PLUP activities and will intermittently rehearse with both the DMT and the Chiefs on the implementation process.

The mandate to carry out minor (pilot) measures may in some cases need to be transferred to the civil society (i.e., self-help groups, cooperatives, farmers' organisations or local NGOs). It is also possible that private sector companies or individual consultants take over this part so that the Government, through DMT, only concentrates on the supervision and monitoring of the process.

11. CONCLUSION

The PLUP for Kamimba Ward was developed through a consultative and participatory process, and technically analysed by the Land Alliance Consortium - the TSP hired by ZIFL Project - in consultation with the Lundazi/Lumezi/Chasefu DMT team. Additionally, the PLUP analysed the current situation in Kamimba Ward and issues pertaining to Land Use Planning were identified, with a lack of alternative sources of livelihood being one of the key drivers of unsustainable

58

natural resources management. At the same time there has been haphazard and unsustainable use of land and other natural resources by residents of Kamimba Ward and those residing in surrounding areas largely due to lack of documented rules and regulations governing the use of resources. Therefore, it is hoped that this PLUP will be used for the purpose for which it was developed.

12. GLOSSARY

12.1 Natural Resources

One of the essential and prerequisite activities when embarking on participatory land use planning is understanding the quality and quantity of the land resources. Besides, participatory land use planning forms a basis for obtaining optimum level of production and also helps in introducing appropriate land management practices for better and/or improved livelihoods (Schwedes and Werne, 2010). Therefore, natural resources must be understood as conditions and elements of the land that can be exploited, developed or managed without causing negative impacts that risk the fragile environmental relationships (Negash. 2012). The following are some of the natural resources:

12.1.1 Vegetation

In the context of PLUP, vegetation refers to all plant species that are unsustainably managed and used by communities for any of their land uses. The vegetation is used to mainly fulfil community needs such as gathering firewood, fruits, medicine, poles and also serves as habitats for wild animals. On the other hand, vegetation provides cover for the soil, allows the rainwater to percolate into the ground, and protects the soil from erosion.

12.1.2 Soils

This is one of the key elements across the globe that determines what land can be used for, taking into consideration the physical and chemical properties (FAO, 2006). The soils exert influence in determining the feasibility of land uses and composition of natural communities such as plants, animals, etc of an area. Thus, land use planning may demand a study on physical and chemical conditions, composition, and overall characteristics of soils (GIZ, 2012; Negash, 2012). This is due to the fact that knowing the soil characteristics helps in understanding the past and present land uses and helps in predicting future land use potentials.

12.1.3 Water

This is an essential resource which is required for use by human beings and Wildlife. It is also used for irrigation and navigation by people and by plants to perpetuate, grow and produce

60

(Mitchell et al, 2004). Besides, the quantity of available water determines the type of land use options and land utilisation types. Thus, the availability and accessibility of water resources in an area determine sustainability and the types of land uses that can be implemented (GIZ, 2012).

12.2 Climate

Climate is one of the factors that affects land use as it is the major agent that determines water balance and dictates the nature and type of natural vegetation in a specific area (Malcolm et al, 2006). Interactions among climate, relief and soils are important in determining socially acceptable, economically viable and environmentally sound land use types (FAO, 1993). The main climatic elements which directly govern land use types to be considered for a certain area are the rainfall amount and distribution and the air temperature level (Negash. 2012). Thus, data on these elements is so important for sustainable local level land use planning processes. The following climatic elements are important factors in determining the land use options of a certain locality or planning area.

12.2.1 Rainfall

The term precipitation includes rainfall, snow and dew. The availability of water through precipitation or rather the lack of it is often the most limiting physical factor in crop and livestock production in areas where water is scarce for irrigation. It's of great importance to know the rainfall patterns of a given area when undertaking any level of land use planning. Besides, the seasonal distribution of rains governs the choice of major land uses, crops and the optimal planting time, harvesting and other farming operations such as land preparation, weeding and threshing (Negash. 2012).

12.3 Land Use Planning

According to Liversage and Mangiafico (2014), land-use planning is the systematic assessment of land and water potential, alternatives for land use and economic and social conditions in order to select and adopt the best land-use options. It's a process of decision making on the use of the resources of a certain unit of land for options of more productivity, environmentally sound and sustainable economic uses (JICA, 2011). However, Negash (2012) argued that decisions on land use options are based on the analysis of potentials and constraints of the land resources as guided by the competing needs of the communities.

12.4 Participatory Land Use Planning

This is an interactive process in which local communities could discuss and determine how to manage the land and other natural resources in their locality (JICA, 2011). It is based on dialogue among all stakeholders with an aim of making sustainable land use decisions through negotiation (GIZ, 2012). The intention is to form comprehensive land use options based on the quality and quantity of the resources and the needs of the community (PLUP Manual, 2019). The land use plan aims at improving the livelihoods of the existing community and meeting the resource development and administration needs of the future generation (Negash. 2012).

12.5 Livelihood

This can be defined as means and ways of making a living. It encompasses people's capabilities, assets, income and activities required to secure the necessities of life (Mutea et al, 2019). According to Kassa (2018) livelihood is said to be sustainable if it enables people to cope with and recover from shocks and stresses (such as natural disasters and economic or social upheavals) and enhance their well-being and that of future generations without undermining the natural environment or resource base.

Presently, natural resources are overexploited, exceeding the rate at which they are replenished due to the increase in the demands because of high population increase and unsustainable usage (Abu and Soom, 2016). Hence, land use planning is the tool that can well be utilised in order to improve and maximise the usage and management of resources in order to better improve the livelihoods of people. This is because LUP bases its processes on the quantity and quality of resources available that can improve livelihoods and the environment (GIZ, 2012). Thus, decisions are made based on the knowledge of resources by all stakeholders.

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ANNEXES

Annex 1: Kamimba Ward By-Laws on Land Use and Natural Resource Management Preamble

Having resources identified and zoned is not a guarantee that there will be proper management, hence establishing rules is key to sustainable management of all natural resources. The communities of Kamimba ward did not want just to leave things at zoning level but they also formulated by-laws pertaining the natural resources that were identified in their community. Traditionally, no one is allowed to give a penalty to the offenders except the chief as he is the custodian of natural resources in the chiefdom.

Resource/Development	Rules	Penalty To Offenders
	No farming activities around the dam and other water bodies, the buffer zone of 50m shall be applied.	Direct report to HRH
	No illegal fishing on the dam.	Chief Chikomeni
Water Resources	No depositing of poisonous chemicals in the dam. All gardening activities to be done on one side of the dam to allow animals to have access to water.	
	No cutting down of trees around the dam.	Face appropriate
	No farming activity to be done around the buffer zone of the dams and streams.	punishment
	No cutting down of trees in forest area	
	No charcoal burning in the forest	
Forest	No cattle grazing in the forest	Face punishment from
Forest	No farming activities in the forest area	HRH Chief Chikomeni
	No fire burning in the forest	
	No fetching of firewood without permission in the forest.	

GOVERNANCE RULES FOR KAMIMBA WARD

Trading Area	Only the development committee recognised by	Report to the chief.
	the chief has the right to allocate plots.	
	No farming activities are allowed in the trading	
	area	
Upgrading of School and	No encroachment in the area set aside for school	
Clinic	and clinic expansion	
	No cutting down of trees around the school and	Report to the Chief
	clinic premises	
	No farming activities are allowed	1
	No farming activities are allowed	
Expansion of Agricultural	Anyone wishing to expand the field must get	Any offender shall be reported
Area	consent from the chief.	to the chief for further action
Hunting	No hunting is allowed in the chiefdom	Any offender shall be reported
		to the chief for further action
	No vandalism of Telecommunication Towers.	
Telecommunication	No farming within the radius of 20m of the	Inform the chief and report to
Towers	Telecommunication Towers.	the police.
	relecommunication rowers.	

Table 19: Offences and Penalties

Annex 2: Meeting Attendance Registers

First Village Meeting

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DAT	E: 17/07/2022				
FAC	ILITATORS: LUCY, MORSE, MAT	LEST, MA	THEU (LA) CHELSE	, Hope, Chris	hope Chibisa
S//N	NAME	GENDER	VILLAGE	CONTACT NUMBER	SIGNATURE
1-	MABUUTO Ny rends	M	Kondwelani	1. tradel	materite
2.	Studwell Nikoswe	M	Elias		S. Mytoscie
3.	Temusanni Mkudanne	M	Chipetuka	8473404019	TrunovAlleb
4	hedson Nyirendah	M	Kaulanda		L'Nymente
5.	Royd Zigambo	m	Kondweleni	095336800	Bellinso
-	0.0	m	Tapson		M SAAlo
6		m	ChPeterka	098472771	
	MILA Mandaule	m	ELITASI	0770041571	6.00
8	GUBAT NKhoShe	and all a			

9. Mohr to ou				
9. Maburto Mtonge	m	Ngalamu	Porth Handle	1
10. Judy mude 11. Muness Chipeta	F	Tadi	0954723146	M. Mtorya
12 Eveling Chirws	F	Ketali		J. Muscle.
	F	Kaulanda		M. Chipets E. Chirun
13 Nyangamoza Natonia 14 Mirriam Muzuri	F.	Mizyshu		Nº Ngona
15 Beauty Nyirango	F	Ngalamu		M. Muguri
16 Judith Mtorgs	F	Magodi Shumba		B. Nyrozy
17 Roster Mtongs	t	Harrison Godola		J. Marin
18 Gadwin Zyembo	m	Bus	0153612609	R. Mtory
19 Patrick NKhaswe	M	Elias	0953825850	
2 Kalindawa low henty Muche	M		095448345	
21 Sanson Nylrenda	m	Chiluzi		S. Ann
22 Musa Mikandawire	M	Chipetuka		M Mkinkonere
25 Petros Phiri	M	Mateyo	0953612550	P.R.

24 M.K.		
24 Mike Ngoswe 25 Serwel Chirwa 26 Cm	M	Elias 095044940
	m	TI TOLON & UN
TO IVITALIAS	n	NKHALAM 095339600
MISSAUSE M Kandhaure	m	11 0154611465 M Marco
LI LUILA BANDA	hs	0153822358 M. Mk-hun
30 KEPSON MKANDEWRE 31 Kegani MKandewire	m	Chiperulat Lin
32. Notus	m	Mizihav K. Michan
33 LASTON PHIRI	m	mateyo f 0153612537 pb:
By FISON MIONER	14	KASINDE OGSEBTOJAT
35 MASTWELL MERGY 3 bingstone NYIRENDA	m. M	CHILUZ, 0954657865 \$ DE.
37 BANDA JUSTINE	m	KASINDE 0953500030 B.d.
38 Penias Mighta 29 LANdwell NYIRENDA	m	ISAAC 0953825824 Янин Сняйна Zika бите
40 BLESSING Zulu	24	Un Ulanda 0953614140 States

41 Jacken Nyrenda 42	M	Kondwelani	J Nyrerdo
	1		
	12		

	PARTICIPATORY LAND	USE PLA	ANNING ATTE	NDANCE LIST	-
PRO	GRAM PARTICIPATARY LAND US	E PLANNI	NG	TOP LIG	
WAR	D. KAMIMBA				
	E: LUPAMPHA	•••••••	••••••		
	E: 18" July 2022		••••••		
	ILITATORS:				
	NAME				
			MULACE		
3//14	NAME	GENDER	VILLAGE	CONTACT NUMBER	SIGNATURE
		GENDER	VILLAGE	CONTACT NUMBER	
01	PHIRI ANDREW Zondiwe Wikhda				

m

04 Fanizo Phiri

06 wezi HARALLA

07 Suzgo Mopgin

08 Emmanuel Banda

05 PATRICK Buralya

Mandeva

man rehoboth

Am HARAWA

n Mesaningoze

M MPion da

F. Phiri

0971049232 03.

0976727876 H

0979397384 Attage

0976719287 Stants

09 Pm				
Jumilo I homber	F	Harawa		
10 Beauty Mudale	F	KANDAKULE 2	0994516427	P. Incimbao
medance phini	F	Kambuma	00 3011	Martype
12 salome ZULL	F	ChinJaki	097239958	6 B Phini
13 EmmANUEL MWALE	M	CHAILOKO	0979 243881	S'ZIM
14 Dalless byurenda	F	Lupampha sch	1975766001	WI C
1) Fausking Mwale	F	Kalila moyo		
16 JOLIN - NGLACANTA	m.	hal. 1 p moto	07751=2-100	Tilhean
IF Daniel phi	FM	MANDEVU	0972177144	
12 JOHN MUHAF	pn		0979859318	
19 Agness Musale	F	Kasota		A. Mucale
20 Felistus Mtonga	F	Kupa	0973 990020	
21 Liza cokhoma	F	halawa	097494309	
22 Faidess Banda	F	Nkhambumg	0974 99 66 56	
23 Emelly Nyirongo	F	Chaima	0972503998	E Myroma

24 Lunian GIDEON LYSON	XI	Luphmothe pour		
monica Mtonga	F	Wanyumba		
26 Elizabeth Banda	F	Mandevu	0979 8079 H6	
17 Esther Mula	F	Bicycle	-	E. Mulle
28 Daniel Nikhoma	m	Sekelani	4	D. Nichor
29 Andrew Mwale	m	Mponda	09791586 5R	
30 Cositin HARANG	m	HARAND	09779707779	te"
31 Saulos Banda	m	wanyumba	0978571451	For
32 Joseph Phiri	m	mandivu	0776152787	J phus
33 Pauli nothane	m	ALICIC	097495211	A
34 phaisin much	an	cha-lales		Ring
35 Standwell Mohandle	A/	PLICK	09725479	C Stenz
36 Patricy Phili	N	Kundakule	047748746	
37 ARinord Phin	m	Damaseke	077980266	
36 Mathews Willing	M	M. Theselan,	-	M. William

F	PARTICIPATORY LAND US		NNING ATTEN	DANCELIES	
ROG	RAM: Participatory Land use PI	00000	ATTEN	DANCE LIST	
NARD	Kamimba		••••••		
	. Lupampha	•••••••			
DATE	18th July 2022				
S//N	NAME	GENDER	VILLAGE	CONTACT NUMBER	SIGNATURE
39	BAMSA MARKFORD	M	MPONDA	0 973189721	Finin Te
	AKHOMA KAUMA	m	LupAmpHA 221 Scifool	8977137789	forme
341	Harqwa MicTORIN	F	WHONYUMBA	-	VUGRANA
-	MWALE EMMANUEL	m	REOROTH PHRM	0777952428- 97 54	
143	Philip Chinwa	M	Green Valley	0978022892	p. Churion
7		KI	Basikalo	0941949475	
	Benson Albenia	M	Kamija	0776102840	
3 44 34	Hondeletani Phini	m	Reaboth	0970729674	K. Chapile
18	Kennedy Bwalya Chipili	1			

47 Willson Kamanga Martha Mwale 49 49 49 50 49 50 49 50 50 50 50 50 50 50 50 50 50 50 50 50	M F M M	Bicycle Musaninyoze Kundahuse 2 TAIPALELO-F	0979191681	PIPHIR

5/02/27 PLAP MEETING KAMIMBA WARK G. Hanying LAPAMPIA SCHOOL Geall thanging 38 F. Nikhom chinors E. 5 Itesa phhones F Komani 7-D' Ban Banda Dalless Bilale 119 Ŧ Finydert -Forstinai nyurendo CIBILA T F GAODA RICHARD DURI 0955788048 M Chias P Dali 0956859704 m FIL MALATA luster 0972873919 F laun a Chi pagula 2 M Zung 9 Samtely 11 man 11 Blend Nopilo UT Wao m Loday I kling m'saninyozet F 0976963473 Banda 1961 Loyda HR YAKHOBC F do NYDO 0942974476 562 FLUDENCE Austro M 0972658860 Monge Altonica Tichoha 5-63 MGDSON Janflhdoe M 099934893 william Lingu 4)en 4698 851 50 Kuntzukitan) M pline NURENDA MOSES 0973258483 A. NILHON Alfred m NILitom Zicho 586 2 Word le BundeyaF 3507 Grayson Wardila M dongalati 5-668 Tscar Barda m BAD I Brevious Mtonga Balali 52 0955117696 M BALIS

.....

PROGRAM WILLAGE MEETING & SHAREN RESARCE MAPPING

WARD: KAMIMBA ZONE: KAMKWEZI

DATE: 18 01 2022 -

FACILITATORS . CHOSE . MATILANH , CHIBESA , DAVID , HOPE , MATHEW.

\$//N	NAME	GENDER	VILLAGE	CONTACT NUMBER	SIGNATURE
1	BANNA FRANK	m	KAYUTE	0974202220	Bench
2	BANDA EDOCK	m	KAPUNDA	09726574	13_
3	Biscent Smalloro	he	mme	2577885522	6-2
4	BANDA ALTERS	ana -	KAP-NOST	577 8927261	Æ
5	Jorce Chikaza	F	Kerivile		Jeli
6	NELHOMA RABSON	111	Kavivila	0979295152	Reau
	EVERSI PHIRI	m	Biliwili	0975404181	C.
	DONALD PHIL	M	Abraham	097146500	5-46-

9 BANDA FELIX	m	Kapunda	0979357846	pue
10 PHIR, PETER	M	Seve	09758714 90	AL.
Il Aklama mata	m	and the second	077077609	me
12 JOICE chikoza	F	salima		
13 Nyurenda George	m	Tengayunto		G.
14 phil' libison	M	mphande		St.
15 Limst doubtle	u	willion	0977920527	- Ful
16 BILIMO EREAM	7	wasson	0779872830	Gino
17 Banda DOREIO	F	LIMOIRAN	6961126672	Diganda
18 Musana Dellice	F	Sumaili	047547486	Nº MUSUTTA
19 precious boxo	F	cixwanda	097813280	P.Sako
Device	F	Kajarma	0770320292	Get star
NO TINCEL	f	churder	097271635	5 pr. zypru
21 marthe zyando	F	hatamanda		v nanda
22 VIOLOE Banda	F	Hennan	077636774	D. munie
23 Dina mwale	-			

24 Maurcen ngibira	f		2723m612
25 victoria phiri	F	Machina	OTBCI221585 V. Phini
26 Loveness mton3A	f	manda	OPTO359841 LIMBOR
LT Guibat Banda	fr.	Sangulukani	0776 \$6369 22 G C-M
28 mary NKUNIKa	F-	Billima	CITY PAPER M. WHOMAS
Rg mercy Nkhata	F	mutuba	09 62 28 7248 Makhe
30 TIMOTHY MWAMBA	m	GUBERT M	0976 67249
31 MYIRAMA IVESS	M		F. Mahate
32 NKMATA FASICN	- FM	Chalmdasi	
	-		
	-		

PROGRAM: PARTICIPATORY LAND USE PLANNING

WARD: KAMIMBA

ZONE: CHANGULUBE

DATE: 20 JULY 2022

FACILITATORS:	
---------------	--

s//N	NAME	GENDER	VILLAGE	CONTACT NUMBER	SIGNATURE
01	JUYET, Epahwira	F	malata		J tha
	Daviness Zimba	F	mennoala	0777412853	D. zimba
	Lonlya mwale	F	chemberto		1 moale
	Flyness PHIL	F	Surveye		E piiri
	petronela voyvenela	f	metanelassora	- Treathoriz	
	VAINESS NOUMA	E	14AMBCBA	097843750	V. ngors
	luse vamposya	f	chipasula		Ryn
	Anastanzia Kamanga	-f	Joshwa		A Manuaires

Mercy Nyirenda	F	Papilo F.		N 12 A
19 Hajei, muvula	F	rapies 1.	multanile	
" chalite mutoga	Ŧ	MILCIAILE	meeni	
19 Shupe Banda	F	mennovel		
13 Lucknes NKung	Ē	C	0979315677	1
14 mary Bounda	F	musalemera	0975717190	m. Bandy
15 Irean Myirenda	F	Jonas: Vige		I. Nyasuda
15 christine Banda	F	Isaac Farm	1000	Barda
17 Joyce Salta	F	Jonasi Vlge	and the second	J. Saka
18 satanji phi	F	Kasalika Farn		S.phini
19 Iyida Nyinongo	P	Robert From		E. Mying
20 Mary Barka	F	Jacy 11	See.	Banka
2 Carilia Plai	F	Balade Vige		C.Phin
22 Salame Phin	F	chibata F.	07773024	94 Sprin
23 ALESI NILLata	F	Zichalla	Long and	A.N.Kolinot

24 ALICE Zuder	F	Zakeyo F. 0979807889 A. Zulu
25 Joyce Bando	F	Kalipo VIge 0971496669 Barta
26 Att Banda Faclah	F	chiparate . 09757634413 800
27 Troche zumba	F	John pasaul v/g 0975763445 7. 2000
28 whereas mehandle	T	Kaclipo Limphande
29 IPESS PHAL	F	MANGANI I.Auri
30 Marther Mulla	F	rokinadila minivula
31 misori Mirenda	F	Kambeba 0970349403 M. Ngirenda
32 Tasita Nkhata	F	Abulattamer T. NKhats
33 Fani Mtouga	F	Bilale Emerting
34 Alinesi Zimba	F	Tinao F. 097363/690 A.Z.mba
35 satenji pli	F	Kasaliker F S.fl-
36 Caronina Lenger	F	Mphunda F. 0776153842 al
33 Jessy Mysendo	F	which is a manage of Sounds
38 Ethinse Somba	F	made source of the

PROGRAM. PARTICIPATORY LAND USE PLANNING

WARD KEMIMBE

ZONE: CHANGULUBE

DATE: 20 JULY 2022

FACILITATORS:.....

5//14	NAME	GENDER	VILLAGE	CONTACT NUMBER	SIGNATURE
01	LOTTIE PHIRI	m	TAIPALELO	0975176711	1 1 1 1 1 1
	Caraan Solo	m	Kommi	097695276	5 SAL
	EVERSN Gumbo	M	KADIPO	0779607215	J-G-be
	LAMEKE KAmanga	m	Lameki		L. Koma
	PETER MAOMA	m	CHIBITA	0977449405	
	DHRONGO MACKUTON 1.	M	JOMANI	0973265878	
06	KANMINSI JOHN	m	CHIWOZA	0960465655	- alempap
	PHIRI KWANJT	F	CHANGULUBE SCH	097807343	Alice

22 1 21				
09 SIMON PATIRI	M	NGWATA	0997812023	Set 4
13 Mangen Williama	m	0 1	0172287,48	
11 MANDA ELIJAH	m	SWASWA SHOP		
12 NKUNA RABSON	m	JURAM	0976029971	
13 Emersined Zulu	M	CHAMBBYA		
14 ALICK PHIRI	M	mases		
15 Peter PUIDI	n	Ladipo		1
16 Journal Aturs Pryrini	m	Henrym tartemos	0970300333	Ha:
17 Ivank mirela	M	Headman pape		Jen 2
18 Frank T Mtonga	m	Chamboko	09765182 55	Thion
1ª deverte Nymenta.	m	Treat	09-12896411	
ac Petro avgrimeda	M	Junas	097113957	s aform i
2. thankson vigilando	m	Papilo		
20 STEPHEN BONSA	m	San	097-2406/16	Bareps
23 MORPATY DYIRENDA	m	JALAFI		Ber

	Dologian trans	TRA WARD CHA	SEX PHON	E SIGA
-	Amit	W/GE	00 180239	87 (7) -
24 NGU	HUBE MILE	Satool	MA 109-08	s. Zinda
Contraction of Street of S	AN ZIMBA	MATTEMAN	m	Den 1
and the second	SAVAGE GAMAS	JONAS		S Lownenda
27 JEL	X NYIEBJDA	nsAZuLuA	m 09744409:	2
	N CHILWA	ISAAC FARM	M 0796168160	+ T Chees
the second s	ier . NKHome	msiyamBiLi	m pasarion	G withoma
		Zikheta	01074/382	* M. Zuhy.
00	In Zimba	ZAKEYO	m 09785947.	sq @n
31 Mo.	ses mphande		m	G.Zimba
32 Gol	DEN ZIMBA	YAPOLA	m	S. MIONGA
33 Sin	TON MITONIGA	KAUUNIKA	M	W. NKHAMA
34 W.	NKHATA I	BROUND		Michard
35 Sa	ckson nyirend	Papilo	m	Sejinta
and the second second second	nda wisdom	2Ho SomoLE	M 0965072009	
	ON BANDA	TIMOTI	m	Thanda
	as something	MAJUTO	m	#Smba '
	REW MIGNER	CHAMBOKO	M 0975758261	Afre
	IAM MOYO	MCHELN	M 0975765919	
41 Ro.	BERT MOYO	11	M 0776153029	Amer
42 ES	WARD BANDA	ABRAHAM	m	. Idwent Bar
43 CH	ukep zimba	KALELEWA	M 0978868046	J.Mywenda
4K JA	PHEN NYIRENDA	CHAZAMA	M 0975002276 M 0776803155	my 'r
45 BA	ribt MARTIN	KADIPO	m 0956292223	to u du
46 NY	RENDA ANDREW'	ZICHETA	m	timele.
47 50	SEPTH MUSALE	KASALIKA	m	R. Banda
48 RO	bert BANDA.	MATHEMAN	M 097349886	(DI
247 D	aniel Phiri		M 0777480542	D. Phi
	amel Kamangg Marian Crevary	LAMECK	m 0970569487	Que I
	OBMAN GWAYI OSES NHIRENDA	KumBukiLAN	M	M-Nymenla
	Khoma Jackson		M 0954907970	J. NKliong
at 2 -	SCRAT AStrendy	JULIAS .	M	Julla
	Amsons NGO MA	Ephranne	m	S. Nhi hig

WARD: KAMIMEA				
ZONE: CHIKOMENI				
DATE: 1910712092				
FACILITATORS: DRVID. PATRICK. CHEW	EL HTTPEL M	ATILDAH, MATHEN -		
S//N NAME	GENDER	VILLAGE	CONTACT NUMBER	SIGNATURE
1 AVIAN buch	M	chiPetembe	2975813129 25112125	Abortin
2 MACKSOT CHIRDA	M.	MUSMTA	0 97502268	OF A CHIDI
3 BALLINANI BANDA	m	Limbilipari	0961177252	SRI.
4 John Phiri	m	Linibikoni	2777298	de J.Ph
S unotord idiowan'	n	Mussime La Mau		Trabar
PARIL BANDA	FA	LIMBIKANIS	14 0976 1254	93 Hound
	M	Limburani	097774986	
CHISON MARI	M	Panivick		autom

	VILLAGE	SET PHONE	SIGN
SE ARAD MA SARAD SARAD MA SARAD SARAD MA SARAD SARAD RELANDA SARADAN RELANDA SARADAN RELANDA SARADAN RELANDA SARADAN RELANDA SARADAN RELANDA SARADAN RANDO SARADAN RANDO SARADA	uchtizi kondwelan Kambeda " NECAHAM MSIYAMbili Philimon CHAMboko Joham KAWECHE MSARULUA MANGON Maseko MZUNGA	т т т п п п п п п п п п п п п п	Si Ale Si Aklisma Josef

		F	JIMBADGO	01711723-123 W. Marcine
	chanty Mbeure	F	Chipumbi	CETTERSHEER C-MS
	AGATHA MIONGA	f	BUGZANI	0962702102 Non 5
1000	ONESTER MYULA	F	KABNUKANI	0971808442 Quela-
-	Mwanida Myrenda	F	chikumb	097864388 may 10
	GTAR Granizaa Chisi	M	dencid	- Cr-chie
		m	Symain	0971861239 Inut
15	Frazkson Muchila	w1.	TIONE FARM	1 0978-286751 2 ta.
16	Jorning NOJIRENDA.	m	CHREEMES V/	1097418361 Halfrede
17	ABIRENDA ABRAHAM	M	MAKHAZA	0776365951 7KK
18	BANIDA SEVELIANO	m	A AND ANCI	10 0973443593 This
17	PHIRI TEXSON	F	Limbikan	2 0976764445 44
20	PHILE ESNACT	m	Chinaanio	0972953168 0.000
21	Banda CHISLES	m	LAZARO	07 644172321 Bon
22	LAZARUS MURLE GAFAE RADSA	hi	ellelle alter	loron (pa

24	NATAAN PHI	RI	m	oSumaili	0979466758	L'ART
25	FRANKSON Wa		M	nungwengwa	0979926257	Fult
26	Joseph CHIR	KIA	M	MKAJA	0766299446	theney !
27	AF GILA Norther	ne	m	effi pe limbe		R'Alterne
28						
29						
3					1 7 7 7	
	The second s					
1						
T						
			-			1
	The second second		1	1		

Mage Gender Contact TESTORE HORA F. Chabinga 09504492 m Fruchson Banda Seleman m Joshua Ngulube J . Nigrature m Kasitomes - F 0973971302 Jackson Ngoma yolam - f m 0=77873400 Techson Kanny Lanekhrv m Shadne on phin S. Pmi 0956930871 Zikheta m 84 F. muali hed nn newale Seleman Bonto 0974475215 Brian m Agulube Changulube 1. notra 86 m 1 Saata mitonga Gimusango 0976883432 R-NKhan 87 Brown Nittada m Brown of Ammda 0979767713 M NYINDA MBEL neltheron PL BANDA-Chorama jorn ACKSON 0979007693 n 90 Materio gwar A bui Farm m 1Saac Koman chileva 0976427922 m hechilye 92 Japhet Banda nenam m J. Benilo 93 Sandress muse Felka Chisilhua 295470b108 m S. MASE Kenedy Gwai 94 George m h-Gulai Actully 95 Omn Khalila m J. Phi 96 Edison prini Khali la m 0777415865 E- Prien Alian manda 97 chipaquela m 0973966726 Asman

PROGRAM: PLANP
WARD: RAMIMBA
ZONE: MWIMGA
DATE: 17 Marky RORR

FACILITATORS ... Jananacy for Massey charge in mandarbe , low sain pasept.

5//N	NAME	GENDER	VILLAGE	CONTACT NUMBER	SIGNATURE
1	NOHLOVU ERNEST	M	KACHINIKHULA	097750557	AD.3
2	PHIRI HAWARD	M	SIYAONGA	097102299)	APPinter
3	BILIMA DATONE	M	MOIKA	0979436365	D-BILIMA
4	ZULU SAMU	M	KACHIGWADA	0774492305	S.Zull
5	OBEL TEmpo	M	KALUTIKIA	0777382635	
	Histon Bardal.	ni	Zidyene	0974101195	Ach.
	BRYSON BANDA	M	DAGEYO	0976337371	
	biscent Simuloro	m	many needs	0977 889535	Roc

9	PHIRI LOTTIE				
10	Inter MILE	m	TAIPALELO	0975176211	0-
	Hornom Hunon H.L.	m	11	0979728909	
11	THIME OHOD	M		09761/2155	
12	ZULU ZEFE	M	SMEDL	0973305050	
13	WILISON Pri	M	CHONDE		W. Phiri
14	BANDA GIFT	F	KACHIGWADA	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	
15	THEO SEVELIANO	M	MULIMORA STR		
	Paul mongoa	M	1 - Carting of the	0979521521	and the state
	BANDA GUBERT	M	KHOLESHA		Gtoc
	STEPHERO MKOCHI	m	MKOCHI	0977126338	
	SAMSON ZIMBA	HA	ERST PARM		Dal
21	watson phiri	m	SokoLoko	09757978	Pro LO NA
	Flywer Monga-	m	Micromba		Fritman
	ZILHETA MSIMUKO	M	CHONGASA		Z-MSIMUKO
-	Davison Savala	M	Kachigwaba	0442235400	

No.		
VAIda Barda	P	Ralutura 0948200550V.Balda
Simon Banda	m	MusiRida - St
ZIMBA JOHN	M	MILLIMBA V/G 0970547900 JZIMBA
MARY ZULU	F	MATHEZELANA 097 7361477 M. ZULU
MILIUA MWANDILA	F	LAUSE FARM 0978129688 AL
MSIMUKO CATHERINE	F	SimiONI FARM 0973013909 0000
MANION MICHENT	m	MANDEZEKA OSTBYTICS? 12-0
MIDHAA FEBBY	F	WALLITIMA OGPAGOOGAS PA
MANIPA TEDY	M	MAGHEZEKANGE 0779608670 There a
MANDA STLUESIER	m.	11401HT FARM 0976074218
TEMBO WILSON	m	ROBERIF. W. Tause
ZULU PENJANI	M	KACHIGWHDAX 077737003 Bin
MOSES MUSALE	M	DELUKAWIF M. Musal
ZULU ABEZ	m	CHIDIGHENDA/F 0971971980 PB-
ZULU DALISO	F	SIMION 0970673710 Bulu
ZULU UNTI		

PROGRAM: VILLAGE MEETING & SHARED RESOURCE MAPPING

WARD: KAMIMBA

ZONE: NOAINALA

DATE: 19/07/2022

FACILITATORS:.....

S//N	NAME	GENDER	VILLAGE	CONTACT NUMBER	SIGNATURE
1	BANDA JENNIPHER	F	CHILCNGOZI FARM	0953826038	J. Barolo
	PHIRI MODESIER	F	AARON FARM	-	M. Phiri
3	KOFFIKO Phiri	F	muchuka far		K. Phill
4	Transandi Nyirenda	F	Zubayumo	-	T. Nywarda
5	Mula Agness	F	Muchuka	-	A MUULA
ł	Grace chandhla	F	Makhesini	-	q. chandh
7	NIDEON Banela	m	Landani	-	N. Br
8	ARRON GRADUE	M	CHILIPA	097936718	F=14

9	Raphwell vyronge	M.	Sume farmer	0973439673	Duco
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11	CHAMPINGO MARTIN	M	TEMMIANIANI FARM		
12	ALEX NYIRENDA	M	MUDELELERA VA		
13	Mayo Thomson	m	NGWHZIKHZHRINH		PC V
14	pendancela hastino	m	nahota	0972173	569 L
15	ZGAMBO GRADESON WISEMAN	n	KATAHUJA KATANED FRAM		The a low
16	NYIRONGO AARON	m	SLIVE	-	A. NYIM
17	PLIR. MORGAN	M	VWELEKETE		ith
	Gibson Rin.	M	M'SFIWALE V/G		ares.
	Robert Banda	m	Batiya	097659810	Ribert
	Faindani Phiri	m	Kachilala	-	F. phiri
	Posiyare Chirwa	m	Mayo	-	
	EMMANUER CHANDHLA	nd.	MARHOSINI Vge	0979174454	end
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	M	MISAWALE V.G	09-76-12-8253	Dim
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Margref Bandy	F	Wadonya	-	M.Barda
Mulonyeni Ludaka	M	Mudolozi	+	M Ludaka
Margret Bandla	F	Nyale	-	M. Barde
Hellen Phiri	F	Musaiwale	-	+ phiri
Sandford Chandhla	m	Meckhosini	077-536575	Shidle
NEWOSON DAILA.	m	WANDONYA	9366304531	Alter
Missoz: Zulu	F	Karvano	_	M. Zerba
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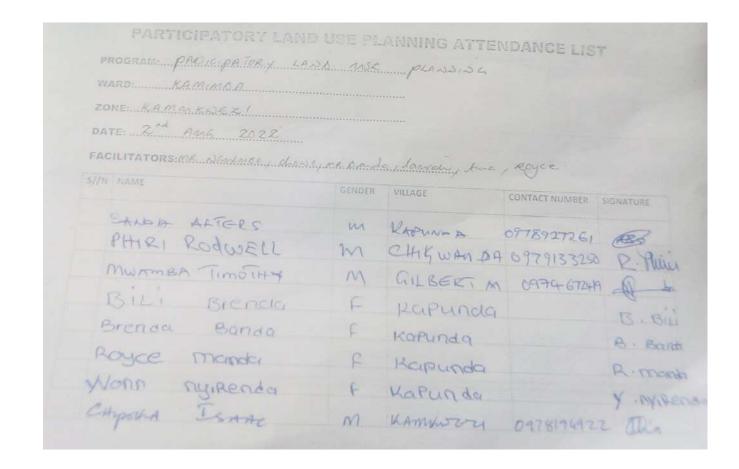
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FACILITATORS:

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	Maxuleu Mtonga	m	Kord-Wangama	0 970-704098	Mintiong
	Frandy Phiri	m	vicition form		
-	THOMAS J. INTONGA	m	THOMAS FARM	0979175150	(Haja)
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14 Lazarus		M	Lazaro Farm	Lintwole
15 Jonathan		M	Chidallia V 0979808463	truck
15 CHHONTY		F	CHILLIMBI VIG OCTYCZZZZGGS	C. MBcan.
17 mwanida	Ngirenda	F	CHIRAMEN VIS	m. N da
15 AGATHA		£	Buerani farm 0968702102	Hong
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3	BILIMA	DATONE	M	MOIKA	0979436365	D-BILIMA
		SAMU	M	KACHIGWADA	0774492305	
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17 BANDA GILBERT	M	KHOLESHA		Gtoc
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MILINA MWANDILA	F	LAUSE FARM 0978129688 AL
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FACILI	TATORS: MR	nr. Ban	do, drewe, lay	ce, muela, d.	annon
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1		GENDER	VILLAGE	CONTACT NO:	SIGNATUR
2	Adiso Mucanga	m	Kambewa	0972674069	Amiton
3	Salitos banda Maiko Halawa	M	Lanyumba	0978591451 -	the man
4	STEPHEN HYTRONGO	m	Halaco	0977943776	A A
5	Benson religion		CHAMM APA		Re C
6	Searco Mitenda	m	Basilulo Gidien	0921928475	g-roster
7	Dargeroz Phis	m	mulanda	-11-1238p0 b	Phi Bhi
8	Julth restence	12	basete		F- Miter
9	Salanzai Baute 1	F	keische	0776152658	S Ree .
10	Johna Samoa	m	Chasquant	017050747	
11	ENEST NOUNDA	in	Kappakule	097915456	o pano
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18	NTIDERDA VICTODIA	F	ALPAMPHA	6975384841	ap role
19	BASDA F117A3F11+	- F	MANDEVY	-	E.Banc
20	ZIMBA LOYEASESS	F	MSTIMALE		L. Zimb
21	NEWIDA PATRICIA	_F	CHESELANI		PINEPor
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24	ZIMBA LYNESS	+	MUPONda	0974986748	T · Zim
25	VICTORE HARAWA	F	wanyumba	24 1415 1467	11 HADAL
26	FENIN PHIL	F	Brang umba	0772471899	F. Phir
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56	Kelinens	Banda	f		Contraction of the local sector	D-cia
57	Banda	James	M	ZOKWE	0975917068	Quale
58	CARERING.	NOVERSE	-t-	20 4-06	0770318071	Run.
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DATE 02/08/2022

FACUTATORS MATTINESS, ANTETA, CUNCESA DEG C. 2014, 2014,

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FACULTATORS MATTINESS (MA) CHINESS DEQ C. 2444, D 2444, ANSETA

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S/N	NAME	GENDER	VILLASE	CONTACT NO	SIGNATURE
1	BONDO JUSTINE	1	Kasinde	OGSYSOME	to di
3	Evalite meany	141	matantana		
4	Renard materia	M	15 Alke	0953825821	
4	Englose NYIRONA		Chibuter	0951657862	1 Da
	Muzala Manga	M	NUMARIU	0954291465	PA PATERNAR
-	ViriCent muster	m	Size	095472400	
5	SAMALSON MALINEL	m	your	995455514	Sau!
9	Same Cinva	m	Mathieson.	215010450	9-
10	Edward Phin	01	Tappo:	177-1-	E. phare
W	AND AND AND A PARTY OF		ELTOI	0770041573	
12	Tennarian ment	he is Rol	Chipetuka	0975404019	Imendation
13	Selonion prisi	m	Lanira	0950667114	ager a.
14	Michell withour	ha	Elius	695469579	
15	Suleka mitadan	n		0950448062	4.15
16	Win nyirenta	m	mangulen ji		Salika
17	ELiYA JARDA-	m	Erret	09547265	Other .
18	Richard Ziasha	m	Halison	0	R Zinn
14	JOBAS MICRICA	m	Yoram	045480768	R-Zamba
20	MATIVASISANDO	M	that som		M CAMOR
13	Sandwell national	m	Eliyasi	0450207 344	
22	agniezour papente	m	Chimai	0466242UM	
23	miburge nations	E	Kasine sh	095501578	mmillione
24	Bandy Bay	F	childan	1 69333000	K. G. Barth
123	caybenine chine	F	Children		C. aprile
20	magnet demba	E	Salzi		m. dorales
04	Edith Phin	F	John Farm		E-barda
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and I manner	GENDER	VILLAGE	CONTACT NO:	SIGNATURE
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32 Josephine No	the F	Saiti		J. mbard
33 Tienelepe Be	nts F	The Fren		J. Banda
24 William Margare	F E	Chicuppibul		L NyVribi
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40 Banda Matse	- M	Alern	0953369897	Barga
4-1 Michiga donna stall	141	TOLATALAM	095360	de Mini-
12 Prarai Petro.	5 175	CHIRWA	0954635	# That is
43 JOSEPH CITWE	<u></u>	NyeDda	12-12-0	Than
44 Tag nyirende	m	Rannell	095615965	
45 A Isaac mago	m	Chivalen.	095069985	
40 John more	ma	Ch. LaZi	695519263	Mikhrond
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48 Kenneth Barrow	M	ward Council	X 09572120	4 Bro-
41 CELLETE LEED IS I				

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DATE 04/08/2022

FACEMATORS MATTHEW (LA) LUCY, ANDER, ZULU, CHELINASE, CHICESA BIO

5/N	NAME	GENDER	VILLAGE	CONTACT NO:	SIGNATURE
N.	AGALLED MIKE	24	Better		
2	PHTERI KUNTER	F	SCHOLE	0419025981	Pre
3	BATTER MADER	T		CALISTIAN	400
14	FLATER, NYIGENDA	E	Charanka.	1.000 0	C-rowing want
5	JOHN KANTING		Phones and	a contrastant	
6	FLOMINGO WANDO		CHINE 20		Farpin
7	RETER DESEMAN		CHIKIIA	and the second se	Hattenhelle
2	JUSEPHO PHY		SILIYA	09774489405	Pultona
9	TELEZA PICEI	F	Bihalte	1779729074	ifter and
16	MARINA ROKA	F	Kasigal		I phare
12	ELIVACE MCIMMAN	F	ZICHOKA		M Sovo
12	GETRUST RANGE	F	CHW02A		Marga .
13	NYTRENDA DAVIEN	131	Contractions but the	01778116295	Banda
14	Praise Kommenter	49-2	LAMACK	O TIS HEREST	Syramour
15	BANDER PROBLEM	m	KAdipo	OTTYS TEV.	the th
16	Mabyute Wandisa	m	malata	and the two of the second second	10 min
12	UMBING MUMAA	172	LAZALO	04186200431	And the second second
15	ROBERT PMRI	152	Ackenika Cake		RPHIL
19	Lowford March	111	CHIPASULA	1	in da
20	HLICK & PMES	17	mases		PHIPI
22	for an appendix of the later of	-74	JONIAS		WB/
23	the second se	F	KAREER	OG 100 THE	Jakant.
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2.5	CONTRACTOR OF AND	F	Fauzo C	297380Mak	S. yeland
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2.3	REALADATE MUMPH	F	and the second se	97638787	F. My. IEn
29	Sankas Confie	E M	LSAAC	art 2 hera	ally

MERCHANNE VALLEBATTER AND RONNING

WARD KAMIMBA

DATE CHANGULABE

FACUTATORS ANTITESSA (2. 5) 24453, CHRISTIAN, CINTURAS 650, ZULU, ANTEVE

N	NAME	GENDER	VILLAGE	CONTACT NO:	SIGNATURE
9	PETRONELA NYIELA	A F	ALLONSASSER		Proposition
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FACIL	ITATORS: ME NGULU	BE CH	PUSE DOTES	Augustine	, Matthe
s/N	NAME				
5/14	TISA Banda	GENDER	VILLAGE	CONTACT NO:	SIGNATURE
7		E	Chipoloosa	0973752945	TBunda
3	Daliso Misimuko		Chipokosa		a
	MISOZI KOPA	E	Lymanda Sche	0970 523557	M.KOPA
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	MABURIO MIENICH		Chinicholovigo	-	M: Bonda
1	FRACKDA Barg	m	TESAYA	0974105379	Mr. Monard
	MANBA BRID	M	Laurenter 12	09711468761	Inkarg
112	BANDA DAMA	M	CHIPOIR	0979122661	ar -
0	BANDA ALIMON	M	CitiBIA	0915979611	D. Bandy
1	MABUNIO MULLA	m	Korparari	0976956100	Al -
	DERICK PHR	m	EPARAIM	096123996	mikter
	Lexa RHIRI	C	and the second s	09785524998	
	Dannenho Main	in	EPHRAM		L. PHIR.
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