

DEPARTMENT OF AGRICULTURE, IRRIGATION AND COOPERATIVES.

1.0. INTRODUCTION.

The Department of Agriculture, Irrigation and Cooperatives in Temeke Municipal Council started its work in 2013 after being separated from the existing Department of Agriculture and Livestock Development. Agricultural activities managed by these department supplies about **30%** of food for Temeke residents, and **6118** households with about **11,270** farmers engaged in agriculture. The Temeke municipal has a total **of 24,000 hectares**, with approximately **6,324** hectares potential for agriculture. However, only about **6,174 hectares** are used for crop production.

2.0 CLIMATE

Temeke Municipality, as other coastal areas has high temperatures. During **January** to **March**; the temperature reaches to about **35°C**, whereas from **June** to **August** temperatures decrease up to **25°C**. Temeke Municipal usually experiences two rainy seasons, that is **Vuli** and **masika'**, Vuli rains is between **October** and **November** and Masika' starts from **March to May**. The amount of rainfall received ranges from **800-1200** mm per annum. Agriculture in the municipal is mainly rain-fed, although irrigation is practiced in lowland areas.

3.0 SECTIONS OF THE DEPARTMENT

The Department has three main sections, **Agriculture**, **Irrigation** and **Cooperatives**. The agricultural and irrigation sector has **20** staff members, and cooperative section has **4**. These specialists provide agricultural extension services which include advisory services to farmers, nutritional directives, and sustainable irrigation techniques. There are also experts involved in Vegetables fruits and flowers production, agriculture and ecosystems management, information, agricultural statistics, plant protection and storage of agricultural products. The department is also responsible in managing different groups of farmers involved in vegetable and fruit cultivation. There are **27** groups consisting of **463** members (**210** Female, **253** male) of smallholders. Inspection of cereal grinding and scratching machines is another activity performed by the department. There are about **126** grinding and scratching machines in the Municipality.

In addition, the Cooperative unit is involved in the development and management of cooperative, SACCOS and coordination of VICOBA activities.

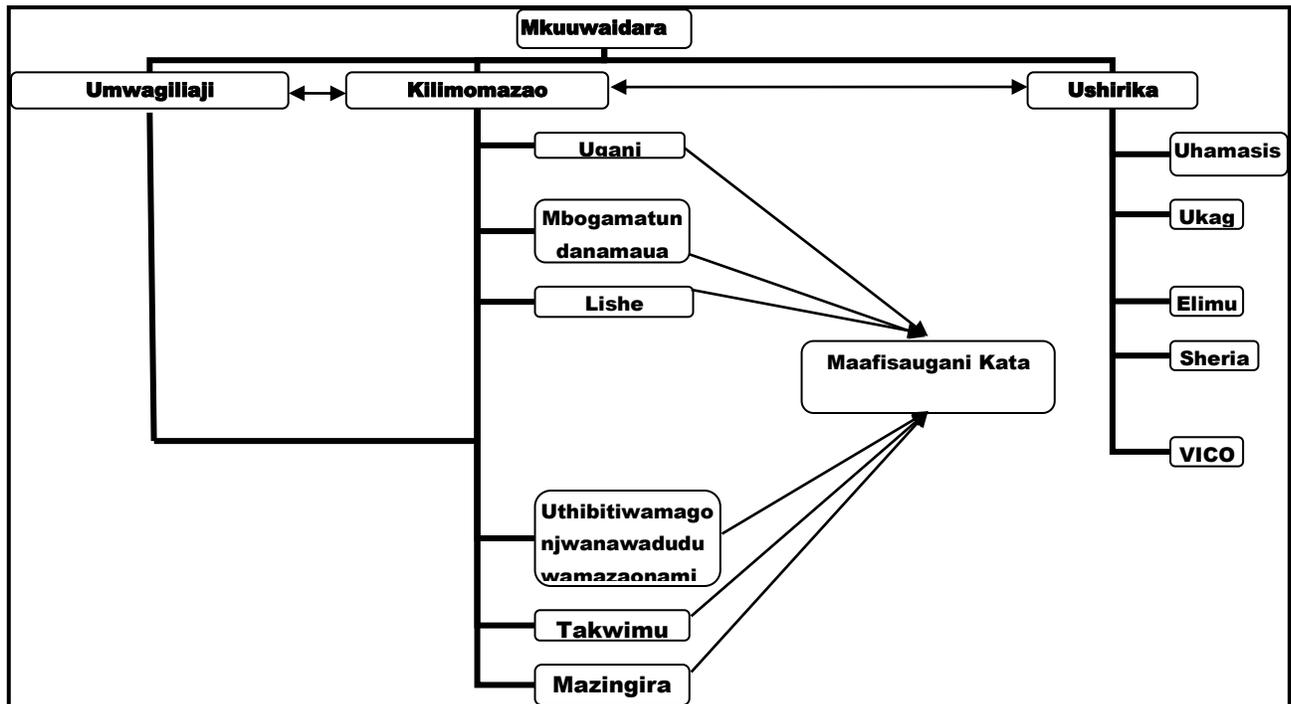
3.1 FOOD PROCESSING GROUPS

Apart from all agricultural activities performed by department staff members, Management of various food processing operations are also done. There are various processing groups such as **FEDA FOOD PRODUCTS (fruit processing)**, **MTANDAO WA KIJANI KIBICHI**, **SAMOLIVE FOOD PRODUCTS**, **SOZY FOOD PRODUCT (cereal processing, honey and cucumber pickle)**, **NZASA WOMEN GROUP (Cereal processing)**, **KHAREY SPICES (Spice processing)**, **TUNAWEZA GREENERS (mushroom processing)**.

3.2 MONITORING ACCESS TO FOOD IN WAREHOUSES AND MARKETS.

In Temeke Municipality there are **170** wholesale warehouse stores and **4** major markets: **Temeke stereo**, **Mbagala Rangitatu**, **Temeke Veterinary** and **Tandika**.

4.0 MUUNDO WA IDARA YAKILIMO UMWAGILIAJI NA USHIRIKA



5.0. AGRICULTURE

5.1. CROPS CULTIVATED IN TEMEKE

Crops produced in Temeke Municipality are divided into two main categories as follows:

5.1.1. Food crops

Main food crops include paddy, cassava, Sweet Potatoes, Maize, pigeon Peas, cowpeas, Vegetables and Fruits.

5.1.2. Cash crops

Cashewnuts, coconuts, water melon, Mangoes, Cucumbers, passion, Tomatoes, okra, fruit and Vegetables.

5.2.3. Production of various seedlings

In the vicinity of the agricultural office in the municipality (at pile), there is a well established garden, that is used to produce a variety of different tree seedlings and vegetables, especially container gardening mainly for environmental management and nutritional requirements respectively. The garden is also used as a farm field school for farmers best techniques of crop production, production of vegetables, fruits, flowers and decorative trees.

5.3. Plant Health clinic

The Plant Health clinics are places where farmers bring infected plants to seek curative measures. The agriculture department has 3 plant Doctors who provide Plant **Health Services** and care for pest and disease control.

6.0. COOPERATIVES

6.1 Cooperative Development

Cooperative is a cross-sectoral sector that connects people according to their activities. Partnerships enable people to engage in economic and social activities to meet their daily needs. In Temeke Municipality Cooperation has been able to integrate employees, small and medium-sized enterprises, farmers, fishermen and others, to establish co-operative savings and credit unions, small factories. Through partnerships people are able to raise family income and afford to pay for social costs such as schools, medical care, housing construction and business.

7.0 IRRIGATION

The Major Agricultural Program irrigation scheme has been developed at RUFU in Chamazi ward. Potential Irrigation land is more than **325 hectares** suitable for crop production at a large scale level. Of these **75 hectares** are developed for small irrigation by a group of **58** smallholder farmers. The **200 hectares** irrigation farming undertaken by smallholders in Temeke Municipality is managed by extension officers. The farmers are also practicing 'kilimomjini', alongside the roads, near residences and at open spaces.

8.0. PRIVATE SERVICE PROVIDERS.

The key stakeholders of the Department of Agriculture, Irrigation and Cooperatives are farmers and various agricultural groups, corporate and

productive assets. In order to fulfill its responsibilities, this department collaborates with various institutions such as TFA (Tanzania Farmers Association), MVIMWATE (Temeke Women's Network Network - Hope one International), TEATE (Temeke Agricultural Technicians). Cooperative development partnerships are citizens, cooperatives and various financial institutions.