

The United Republic of Tanzania

Tanzania Investment Centre



**Regional Profiles of Cashewnut Production and Processing
Investment Opportunities - Lindi, Mtwara, Tunduru and
Pwani Regions, Tanzania**

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I Brief Overview of Cashewnut Production in Tanzania

Cashew nuts are grown in the Southern parts of Tanzania, on the opposite side of the border of the cashew-growing region of Mozambique. Cashew nuts originate from Brazil; Portuguese traders brought the seeds to Africa in the 16th century. The trees soon found their way to Mtwara region; an Indian Ocean port on trade routes once plied by David Livingstone. Tanzania is now the World's 3rd largest producer of cashews and maybe the world's most important, with production growing 450% (data collected from 2004 – 2018).

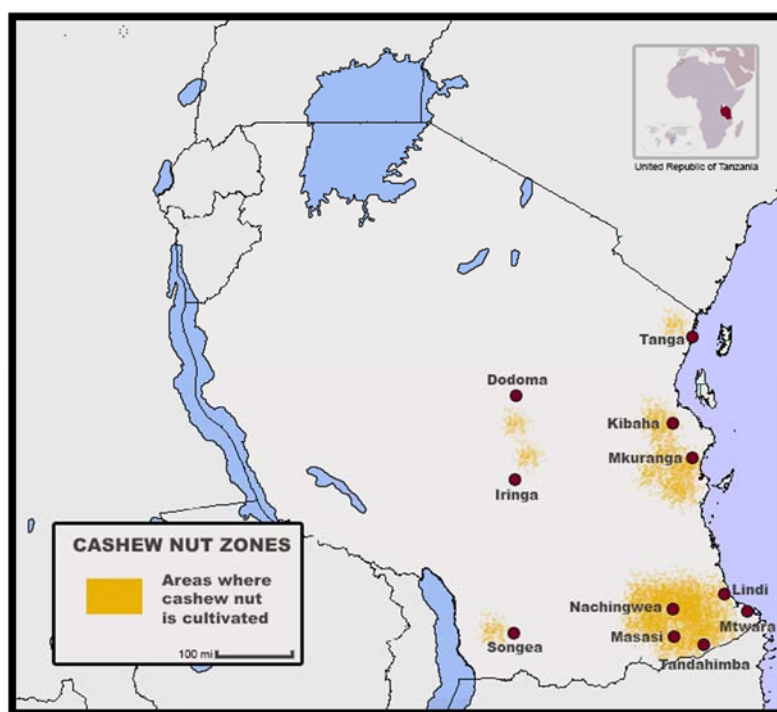


Figure I-1 Map showing locations where cashew nuts are grown in Tanzania

During the agricultural season 2017/18, cashewnuts was cultivated in Tanzania Mainland by 666,258 operators¹. About 90 percent of the area planted with cashew nuts are found in three regions of Mtwara, Lindi and Pwani.

The total planted area with cashew in Tanzania Mainland nuts was 695,683 ha. Mtwara Region (327,281 ha; 47.0 percent) had the largest area planted with cashew nuts, followed by Lindi (207,951 ha. 29.9 percent) and Pwani (91,815 ha; 13.2 percent). The total harvested area was 574, 072 ha (82.5 percent of total planted area). Mtwara Region (308,835 ha; 53.8 percent) had the largest harvested area, followed by Lindi (185,065 ha; 32.2 percent) and Pwani (49,908 ha; 8.7 percent).

¹ 2016/17 Annual Agriculture Sample Survey Crop and Livestock Report

The total production of cashew nuts was 387,936 with Mtwara Region (191,025 Tons; 49.2 percent) having the highest production, followed by Lindi (126,353 Tons; 32.6 percent) and Pwani (58,337 Tons; 15.0 percent) as in Fig. 1.

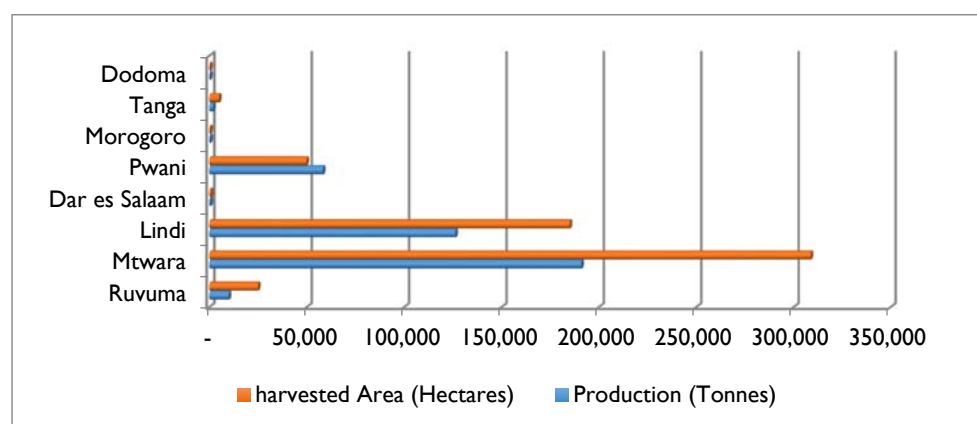


Figure 1-2 Harvested Area (Hectares) and Production (Tons) of Cashew-nuts by Regions, Mainland, 2016/17 AASS

1.1 Global Cashewnut Production

In 2017/18, global production of cashew nuts (as the kernel) was 3,971,046 tonnes, led by Vietnam, India and Côte d'Ivoire with 22%, 19%, and 18% of the world's total respectively. Benin, Guinea-Bissau, Tanzania, Mozambique, Indonesia, and Brazil also had significant production of cashew kernels.

In 2014, rapid growth of cashew cultivation in Côte d'Ivoire made this country the top African exporter. Fluctuations in world market prices, poor working conditions, and low pay for local harvesting have caused discontent in the cashew nut industry.

The cashew tree is cultivated in the tropics between 25°N and 25°S, and is supremely adapted to hot lowland areas with a pronounced dry season, where the mango and tamarind trees also thrive. The traditional cashew tree is tall (up to 14 m) and takes three years from planting before it starts production, and eight years before economic harvests can begin. More recent breeds, such as the dwarf cashew trees, are up to 6 m tall, and start producing after the first year, with economic yields after three years. The cashew nut yields for the traditional tree are about 0.25 metric tons per hectare, in contrast to over a ton per hectare for the dwarf variety. Grafting and other modern tree management technologies are used to further improve and sustain cashew nut yields in commercial orchards.

Cashew production reached near 790,000 metric tons (kernel basis) in the 2017/2018 season, raised by 32% compared to the previous decade average².

Western Africa led the production, amounting to 43% of the world share: almost 48% of this crop was produced in Côte d'Ivoire, followed by Guinea-Bissau and Nigeria, which produced 16%

² Nuts & Dried Fruits Statistical Yearbook 2017/18

and 13% of the region share, respectively. In Eastern Africa, Tanzania accounted for 75% of the region crop.

As for individual countries production, India and Vietnam, as well as the top processor countries of raw cashew nuts, were the first and the third producing countries (Côte d'Ivoire ranked second).

I.2 Cashew nut and Fruit Products

The cashew seed, often simply called a cashew, is widely consumed. It is eaten on its own, used in recipes, or processed into cashew cheese or cashew butter.

The shell of the cashew seed yields derivatives that can be used in many applications including lubricants, waterproofing, paints, and arms production, starting in World War II³.

The cashew apple is a light reddish to yellow fruit, whose pulp can be processed into a sweet, astringent fruit drink or distilled into liquor.

I.3 The steps involved in the nut processing are as follows:

- i. **Collection & Drying:** - the raw cashew nuts (RCN) are collected from the farmers and dried in the sun to remove excess moisture. It is then subjected to a four step processing before packing, which includes the steam roasting, shell cutting, peeling and grading.
- ii. **Steam Roasting:** - The sun dried cashew nuts are subjected to steam roasting to remove the outer shell and produce edible cashew kernels. The outer shell is a pretty hard one and contains oil, which is not suitable for human consumption. So proper care must be taken in this step where the raw nuts are connected to a boiler and steam roasted. Upon cooling the outer shells are removed with little difficulty.
- iii. **Cutting:** - the Outer shell of the roasted cashew nuts is cut off in this process. This can be regarded as a complex step in the entire process, where an unbroken kernel with a soft layer will be produced.
- iv. **Peeling:** a process where the inner shell of the kernel is removed so as to produce white nuts. The peeling process is designed to remove the soft shell, which is enhanced by the cold treatment. This step of agro processing will give out the white coloured cashew nuts that are sent to the grading department.
- v. **Grading:** - grading of cashew nuts is designed to sort out the wholes and pieces of cashew. This depends on the size, colour and texture of the nuts.

³ Rosen, T.; Fordice, D. B. (April 1994). "Cashew Nut Dermatitis". *Southern Medical Journal*. 87 (4): 543–546.

Table I-I Cashew Nut Processing Capacity in Tanzania, 2019

Region	Name	Owner's Name	Area (Hectares)	Capacity (MT/Year)	Location	Status
Lindi	Al-Handalus Company Ltd	Al Handalus	2.80	6,000.00	Lindi - Mnazi Mmoja	Working
	WAIGERO Ltd		9.60	1,750.00	Lindi - SIDO	Working
	BUCCO Investment Ltd (Currently: JKT)	JKT	12.00	-	Lindi	Not Working
	Mtama Cashewnut Processing Factory	Lindi Farmers	12.00	-	Lindi - Mtama	Not Working
	WAKORU Cashewnut Processors	WAKORU members	0.50	80.00	Ruangwa	Working
	UWABAKONA (Association of Nachingwea Cashewnut Processors)	UWABAKONA Members	1.00	25.00	Nachingwea	Working
	Nachingwea Cashewnut Processing Plant	Lindi Farmers	12.00	-	Nachingwea	Not Working
	Nangowe Cashew Processing Small Scale (PADEP)		0.36	80.00	Nachingwea	Working
Ruvuma	Micronix System Ltd (Korosh Africa Ltd)	Mahesh R Patel	6.00	5,060.00	Tunduru	Working
Mtwara	Mtwara Cashewnut Company (2005)	Mama Mkapa	12.00	2,500.00	Mtwara TC	Working
	Micronix System Ltd (Korosh Africa Ltd)	Mahesh R Patel	6.00	2,000.00	Mtwara TC	Working
	Hawte Investment Ltd		1.00	1,500.00	Mtwara TC	Working
	Naliendele Agricultural Research Institute	Government of Tanzania	1.00	250.00	Mtwara TC	Working
	Yalin Cashewnut Company		4.00	6,000.00	Mtwara TC	Working
	AMAMA Farm	Petra Lason	11.60	4,000.00	Tandahimba	Working
	Kitama Farmers' Group	252 Women Group - partnering with SIDO	1.50	2,160.00	Tandahimba	Working
	Kiwanda Kidogo Cha Kubangua Korosh	Group Members	0.72	75.00	Tandahimba	Working
	Micronix System Ltd (Korosh Africa Ltd)	Mahesh R Patel	9.07	3,500.00	Newala TC	Working
	AgroFocus Ltd		12.06	-	Newala TC	Not Working
	Perfect Kernels Tanzania Ltd	Hn. Kate Kamba	0.50	925.00	Masasi TC	Working
	Micronix System Ltd (Korosh Africa Ltd)	Mahesh R Patel	6.10	-	Masasi TC	Not Working
	Masasi (Chakama) High Quality	Said Khatu	0.80	-	Masasi TC	Not Working
	Mkemi Agrix Co. Ltd	Salum Mkemi	0.60	400.00	Mkuranga	Working
Pwani	Fuzzy International General Trading	Arabin	1.50	2,000.00	Mkuranga	Working
	Kiwanda Cha Kubangua Korosh Kimanzichana	Lower Kimanzichana Village	1.60	-	Mkuranga	Working
	Boon Ltd	Anna Michael	0.20	120.00	Kisiju	Working
	Terra Cashew (TANITA)		12.00	3,600.00	Kibaha	Working
	UVUKI Cashewnut Factory	Visiga Cashew Farmers	1.60	48.00	Visiga	Working
	Total Capacity			42,073.00		

The current national capacity to process **RCN** is **12.7%** only – **87.3%** is exported unprocessed.

I.4 Land Allocation for Agriculture and Processing Investments

Table I-2 Allocated Land for Agricultural Expansion and Processing Investments, Lindi, Ruvuma, Mtwara and Pwani Regions

Location	Land Size (Hectares)	Proposed Land Use	Distance from Mtwara Port (Km)
Lindi MC	16,000	Allocated for cashewnut farming	106
	11,763	Industrial development	131
Lindi DC	223,682	Agriculture	106
Ruangwa	40	Industrial development	200
Nachingwea	49.47	Industrial development, at Nangowe Shamba village	192.9
Liwale	63.6	Industrial development – located at Mungurumo area, 2 km within the Liwale township – towards Kilwa road.	314.4
	120,450.07	Agriculture	314
Tunduru	23.20	Located in Tunduru at Sisi kwa Sisi (Sevuyanke village). Already compensated. About 4 km from Tunduru town centre	388.9
	2,000	Cashew farming – along Ruvuma river	388.9
Mtwara MC	78,052.55	All allocated at Mtepwezi area	0.0
Mtwara DC	23,388	Industrial development at Kitere, Lupide, Nachenjele and Msijute	80
Nanyamba	32	Located 10 km from Nanyamba, Nitekela ward – but not surveyed nor compensated	82.5
Tandahimba	52,000	Located at Malopokelo industrial area	107.6
	1,991	Rice Irrigation Scheme	107.6
Newala TC	12	3 km from town centre, along Masasi road	162.2
Newala DC	193.17	2.2 for heavy, 58.4 for light, and 44.45 for service industries, respectively	162.2
Masasi TC	22.19	Industrial development land has been surveyed at the Mtandi area, 4 km from Masasi town centre	196.7
Masasi DC	0.0	No land allocation for industrial development	196.7
Nanyumbu	9.78	have been allocated for educational institutions, but the district promised that it can be changed into Cashewnut Processing Factories use if an investor requests	261.6
Mkuranga	4,680	Industrial development at Mbezi Msufini and Mkiu	53
Kibaha TC	640	Industrial development at Zegereni	56
Kibaha DC	3,901.4	Industrial development at Kikongo, Soga and Kisabi	56
Total	538,993.43		

The total land allocated for agricultural expansion and industrial development in Lindi, Ruvuma, Mtwara and Pwani regions as identified during the sites visited is **538,993.43** hectares.

I.5 Investment Opportunities in the Cashew-nut Sub-sector

Currently, approximately 87.3% of cashew nuts crop is exported as raw cashew (RCN) and therefore there are good opportunities to further invest into cashew farming and processing:-

- Increase RCN Production:-
 - Improved productivity: 0.3 – 1 MT/Ton of RCN in Tanzania
 - Green Fields (New Fields): large scale cashews production

- Cashew Processing:-
 - Nuts (Kernels) into various products/forms
 - Cashew Apples into juices and liquor (winery)
 - Cashew Shell Liquid
- Processing Machinery Manufacture:-
 - SIDO partnerships with machinery manufacturers from Italy, India, China, Vietnam etc
- Cashew Machinery Spare Parts Production and Supply:
 - SIDO partnerships with parts manufacturers and suppliers

2 Lindi Region

2.1 Basic Demographic and Socio-economic Profile

Lindi is a coastal town located at the far end of Lindi Bay, on the Indian Ocean in southeastern Tanzania. The town is 450 kilometers south of Dar es Salaam and 105 kilometers north of Mtwara, the southernmost coastal town in Tanzania, and gives its name to the surrounding Lindi Region, one of the most sparsely populated areas of the country.

Lindi Region is one of Tanzania's 31 administrative regions. The regional capital is the municipality of Lindi. According to the 2012 national census, the region had a population of 864,652, which was lower than the pre-census projection of 960,236.⁴ For 2002-2012, the region's 0.9 percent average annual population growth rate was the 29th highest in the country⁵. It was also the least densely populated region with 13 people per square kilometer.



Figure 2-1 Map of Lindi Region, Tanzania

⁴ National Census, 2012

⁵ Population Distribution by Administrative Units, United Republic of Tanzania, 2013

The Lindi Region borders on Pwani Region, Morogoro Region, Ruvuma Region, and Mtwara Region. Much of the western part of the Lindi Region is in the Selous Game Reserve.

Lindi is located at the mouth of the Lukuledi River. Its port facilities are still rudimentary, allowing one or two small cargo and passenger boats at a time, and cannot accommodate ocean-going ships. The region was once an important sisal-producing plantation area, especially in Kikwetu, surrounding the Lindi airstrip, 25 kilometers north of town. Around 2012 Lindi was finally linked to Dar es Salaam by a continuous tarmac road, making Lindi accessible throughout the rainy season. An older tarmac road connects Lindi town to Mtwara, passing through Mikindani, formerly an important Arab business settlement for traders sailing along the east coast from Muscat, Oman, Malindi or Mombasa to Sofala.

2.2 Districts

Table 2-1 Lindi Region Population (2012 National Census)

District		Population (2012) ⁶
1	Kilwa	190,744
2	Lindi Municipality (MC)	78,841
	Lindi Rural (DC)	194,143
3	Liwale	91,380
4	Nachingwea	178,964
5	Ruangwa	131,080
Total		864,652

2.3 Raw Cashew Nut Production, 2017/18

Table 2-2 Raw Cashewnut Production in Lindi Region, 2017/18

District		Metric Tons
1	Lindi Municipality (MC)	2,253.105
	Lindi Rural (DC)	17,169.863
2	Nachingwea	21,687.754
3	Ruangwa	12,170.377
4	Liwale	17,074.385
5	Kilwa	5,663.132
Total		76,018.616

⁶ 2012 Tanzania National Census

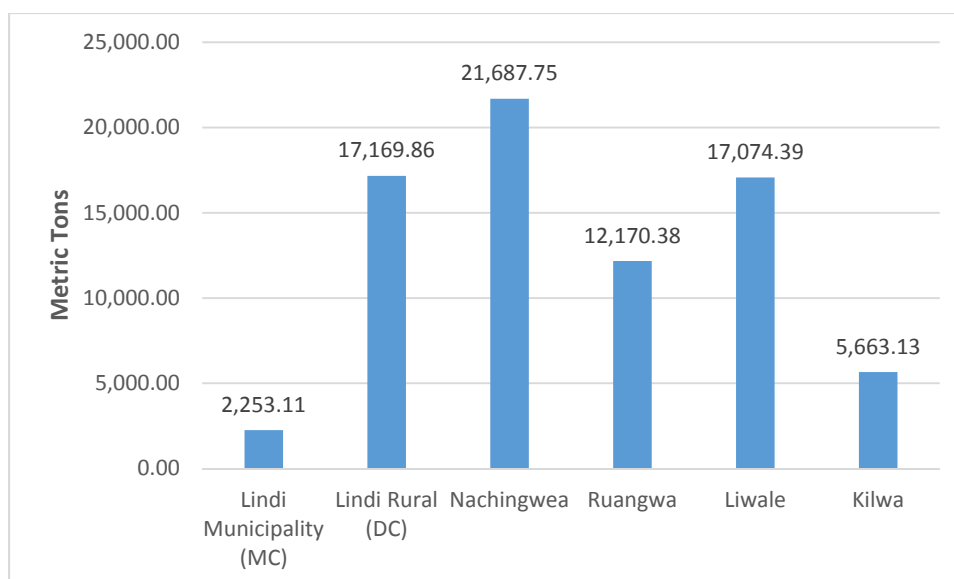


Figure 2-2 Raw Cashewnut Production in Lindi Region - 2017/18

2.4 Existing and Dormant Cashews' Processors in Lindi Region

Table 2-3 Cashewnut Processors' Profile, Lindi Region

Processor's Name	Category	Detailed Description of Categories
Al-Handalus Company Ltd	Owner & Contacts:	
	Location:	Mnazi Mmoja, 25 km from Lindi
	Distance from Mtwara Port (Km):	85
	Area (Hectares):	2.8
	Processing Capacity (MT/Yr):	6,000
	Interested in a Joint Venture?	No
	Available Utilities:	Water, electricity, road to Masasi. Needs a 3-phase transformer
	Status:	Working
WAIGERO Ltd	Owner & Contacts:	
	Location:	Housed at SIDO premises – 3 km from Lindi
	Distance from Mtwara Port (Km):	105
	Area (Hectares):	9.6
	Processing Capacity (MT/Yr):	1,750
	Interested in a Joint Venture?	Yes
	Available Utilities:	Water, electricity, spacious workshops,
	Status:	Working
BUCCO Holdings Investment	Owner & Contacts:	JKT
	Location:	3 km from Lindi – along Mtwara road
	Distance from Mtwara Port (Km):	105
	Area (Hectares):	12
	Processing Capacity (MT/Yr):	0
	Interested in a Joint Venture?:	Yes
	Available Utilities:	Water, electricity, big industrial buildings, 3 staff quarters
	Status:	Not working
	Owner & Contacts:	Lindi Farmers' Association

Mtama Cashewnut Processing Factory	Location:	Mtama – along Masasi road
	Distance from Mtwara Port (Km):	100
	Area (Hectares):	12
	Processing Capacity (MT/Yr):	0.0
	Interested in a Joint Venture?	Yes
	Available Utilities:	Water, electricity, new Chinese machinery
	Status:	Not working, industrial building of 12,000 m ²
WAKORU Cashewnut Processors	Owner & Contacts:	WAKORU members
	Location:	3 km from Ruangwa town centre
	Distance from Mtwara Port (Km):	200
	Area (Hectares):	0.5
	Processing Capacity (MT/Yr):	80
	Interested in a Joint Venture?	Yes
	Available Utilities:	Water, electricity, manual machinery, a building of 275 m ²
UWABAKONA (Association of Nachingwea Cashewnut Processors)	Status:	Working
	Owner & Contacts:	128 UWABAKONA members
	Location:	4 km from Nachingwea town centre
	Distance from Mtwara Port (Km):	192.9
	Area (Hectares):	1.0
	Processing Capacity (MT/Yr):	25
	Interested in a Joint Venture?	Yes
Nachingwea Cashewnut Processing Plant	Available Utilities:	Water, electricity, a building of 300 m ²
	Status:	Working
	Owner & Contacts:	Lindi Farmers
	Location:	Nachingwea
	Distance from Mtwara Port (Km):	192.9
	Area (Hectares):	12
	Processing Capacity (MT/Yr):	0.0
Nangowe Small Scale Cashew Processors (PADEP)	Interested in a Joint Venture?	Yes
	Available Utilities:	Water, electricity, 3 staff quarters, godowns, industrial buildings 12,000 m
	Status:	Not working
	Owner & Contacts:	Small scale processors/farmers
	Location:	Nachingwea
	Distance from Mtwara Port (km):	192.9
	Area (Hectares):	0.36
	Processing Capacity (MT/Yr):	80
	Interested in a Joint Venture?	Yes
	Available Utilities:	Water, electricity, a factory building of 280 m ²
	Status:	Working

2.5 Land Allocation for Processing Investments

Table 2-4 Allocated Land for Agricultural Expansion and Processing Investments, Lindi Region

Location	Land Size (Hectares)	Proposed Land Use	Distance from Mtwara Port (Km)
Lindi MC	16,000	Allocated for cashewnut farming	106
	11,763	Industrial development	131
Lindi DC	223,682	Agriculture/plantations	106

Ruangwa	40	Industrial development	200
Nachingwea	49.47	Industrial development, at Nangowe Shamba village	192.9
Liwale	63.6	Industrial development – located at Mungurumo area, 2 km within the Liwale township – towards Kilwa road.	314.4
	120,450.07	Agriculture/plantations	314
Total	372,048		

3 Ruvuma Region

3.1 Basic Demographic and Socio-economic Profile

Ruvuma Region is one of Tanzania's 31 administrative regions. The regional capital is the municipality of Songea. According to the 2012 national census, the region had a population of 1,376,891, which was lower than the pre-census projection of 1,449,830. For 2002–2012, the region's 2.1 percent average annual population growth rate was the twentieth highest in the country. While the total area is 63,669 km² (24,583 sq mi), it was also the 28th most densely populated region with 22 people per square kilometer.

The region is named after the Ruvuma River, which forms most of its southern boundary with Portuguese-speaking Mozambique. The region is also bordered to the north by the Morogoro Region, to the northeast by the Lindi Region, to the east by the Mtwara Region, and to the northwest by the Njombe Region.

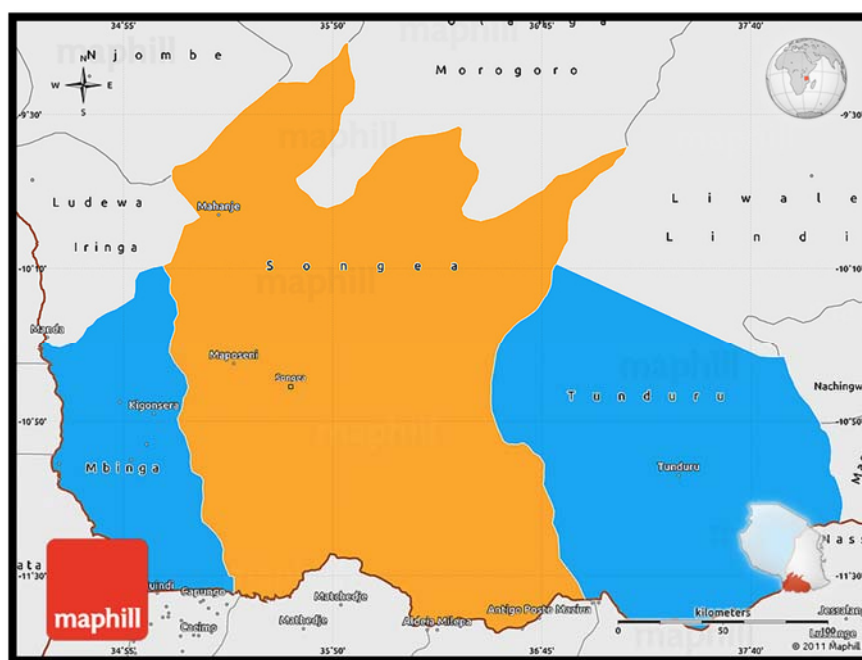


Figure 3-1 Map of Ruvuma Region

3.2 Districts

Table 3-1 Ruvuma Region Population (2012 National Census)

District		Population (2012)
1	Mbinga	353,683
2	Namtumbo	201,639
3	Nyasa	146,160
4	Songea	377,130
5	Tunduru	298,279
Total		1,376,891

3.3 Raw Cashew Nut Production

Table 3-2 Raw Cashewnut Production in Ruvuma Region, 2017/18

District		Metric Tons
1	Mbinga	59.152
2	Namtumbo	452.039
3	Nyasa	60.039
4	Songea	2.048
5	Tunduru	20,325.180
6	Madaba	14.058
Total		20,912.569

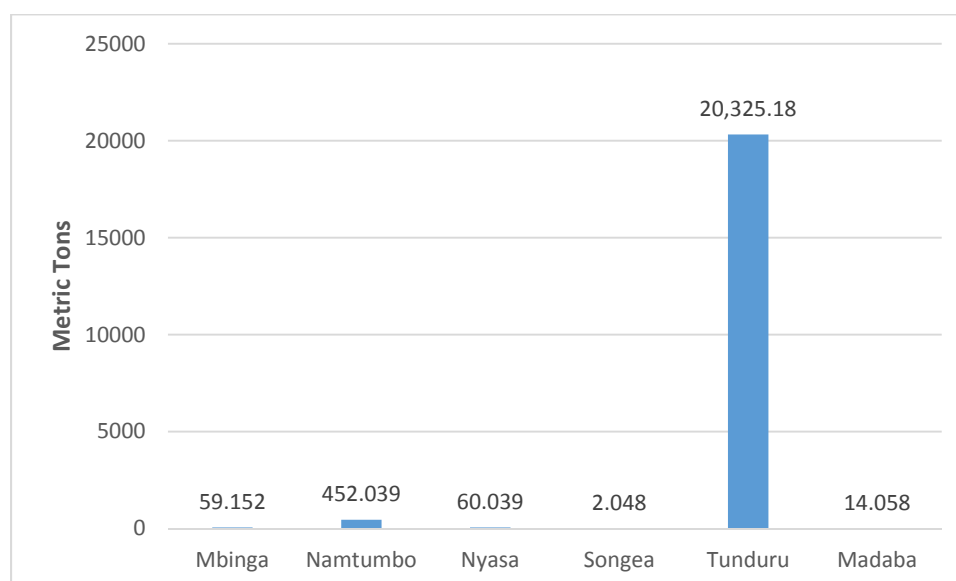


Figure 3-2 Raw Cashewnut Production in Ruvuma Region, 2017/18

3.4 Existing and Dormant Cashews Processors in Ruvuma Region

Table 3-3 Cashewnut Processors' Profile, Ruvuma Region

Processor's Name	Category	Detailed Description of Categories
Micronix System Ltd (Korosh Africa Ltd)	Owner & Contacts:	Mahesh Patel
	Location:	Tunduru, along Songea road
	Distance from Mtwara Port(Km):	389
	Area (Hectares):	6
	Processing Capacity (MT/Yr):	5,060
	Interested in a Joint Venture?	No
	Available Utilities:	Water, electricity, an industrial building of 12,000 m ² , godowns, offices, staff quarters
	Status:	Working – ISO certified

3.5 Land Allocation for Agricultural Expansion and Industrial Development

Table 3-4 Allocated Land for Agricultural Expansion and Processing Investments, Tunduru

Location	Land Size (Hectares)	Proposed Land Use	Distance from Mtwara Port (Km)
Tunduru	23.20	Located in Tunduru at Sisi kwa Sisi (Sevuyanke village). Already compensated. About 4 km from Tunduru town centre	388.9
	2,000	Cashew farming – along Ruvuma river	388.9
Total	2,023.20		

4 Mtwara Region

4.1 Basic Demographic and Socio-economic Profile

Mtwara Region is one of Tanzania's 31 administrative regions. The total area is 16,710 km² (6,450 sq mi). The regional capital is the municipality of Mtwara. According to the 2012 national census, the region had a population of 1,270,854. For 2002-2012, the region's 1.2 percent average annual population growth rate was the 26th highest in the country. It was also the fourteenth most densely populated region with 76 people per square kilometer.

The boundary with Mozambique to the south is formed by the Ruvuma River. To the west, Mtwara is bordered by Ruvuma Region, to the north by Lindi Region, and to the east is the Indian Ocean.

For a long time now, the development of the Mtwara Region was constrained by the lack of highway and energy infrastructures, but the Dar es Salaam-Kibiti-Lindi-Mtwara road has been improved by the completion of the Mkapa Bridge over the Rufiji River, as well as construction of a tarmac road.

Mnazi Bay gas promises to provide reliable and adequate electricity for powering industrial and commercial activities in the region.

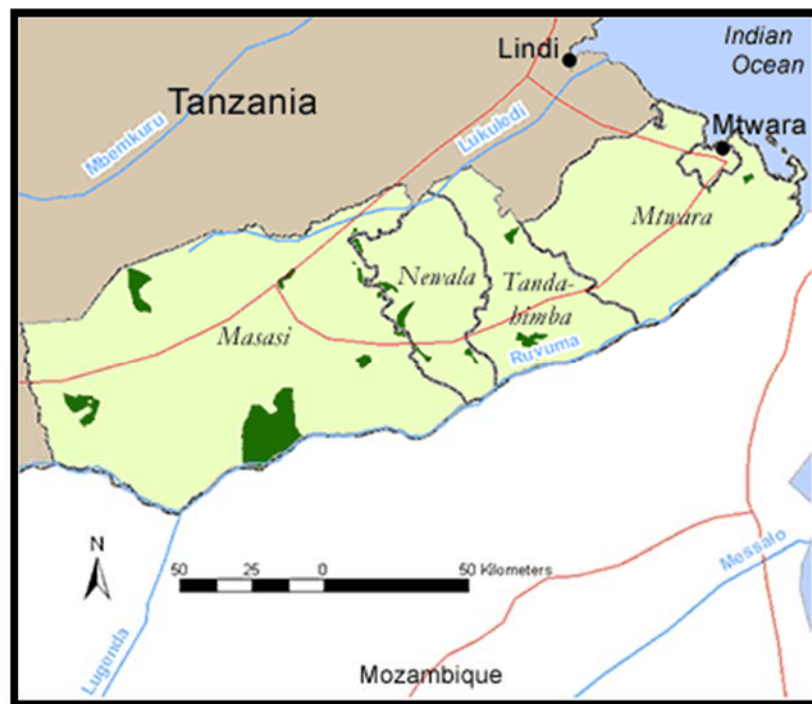


Figure 4-1 Map of Mtwara Region

4.2 Districts

Table 4-1 Mtwara Region Population (2012 National Census)

District		Population (2012)
1	Masasi Town Council (TC)	102,696
2	Masasi Rural	247,993
3	Mtwara Municipality	108,299
4	Mtwara Rural	228,003
5	Nanyumbu	150,857
6	Newala	205,492
7	Tandahimba	227,514
Total		1,270,854

4.3 Raw Cashew Nut Production

Table 4-2 Raw Cashewnut Production in Mtwara Region, 2017/18

District		Metric Tons
1	Mtwara TC	1,888.321
2	Mtwara DC	8,140.006
3	Nanyamba	20,042.493
4	Tandahimba	74,051.974
5	Newala DC	19,709.808
6	Newala TC	13,186.113
7	Masasi DC	28,811.746
8	Masasi TC	9,062.470
9	Nanyumbu	19,855.915
Total		194,748.846

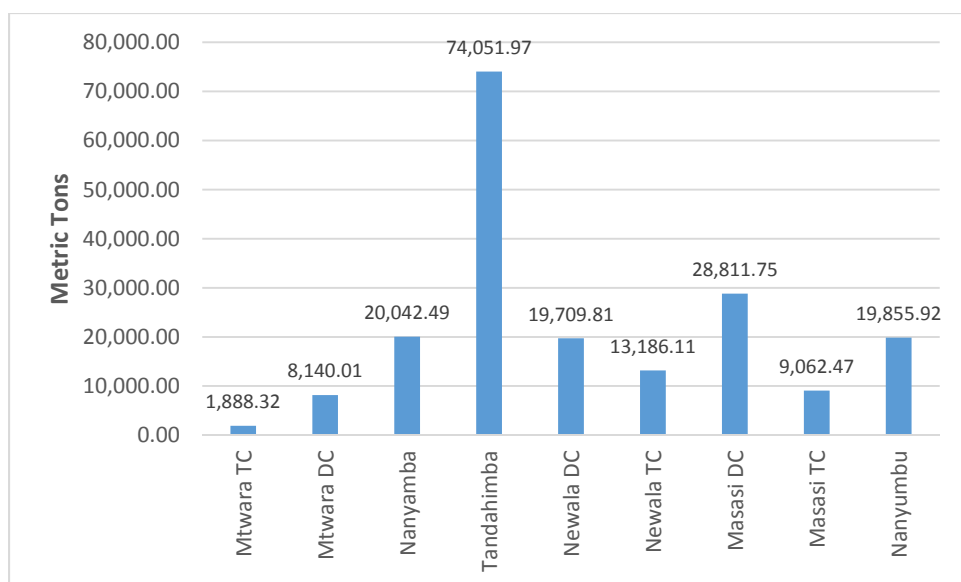


Figure 4-2 Raw Cashewnut Production in Mtwara, 2017/18

4.4 Existing and Dormant Cashews Processors in Mtwara Region

Table 4-3 Cashewnut Processors' Profile, Mtwara Region

Processor's Name	Category	Detailed Description of Categories
Mtwara Cashewnut Company (2005)	Owner & Contacts:	Anna Mkapa
	Location:	Mtwara town, near the port
	Distance from Mtwara Port (km):	0.0
	Area (Hectares):	12
	Processing Capacity (MT/Yr):	2,500
	Interested in a Joint Venture?:	Yes
	Available Utilities:	Water, electricity, industrial buildings of over 12,000 m ² , new manual & automatic machinery
	Status:	Working
Micronix System Ltd (Korosh Africa Ltd)	Owner & Contacts:	Mahesh R Patel
	Location:	Mtwara town, near the port
	Distance from Mtwara Port (km):	0.0
	Area (Hectares):	6
	Processing Capacity (MT/Yr):	2,000
	Interested in a Joint Venture?:	Yes
	Available Utilities:	Water, electricity, industrial buildings of over 12,000 m ² , machinery, staff quarters, offices
	Status:	Working
Hawte Investment Ltd	Owner & Contacts:	
	Location:	Mtwara town, GPSA area
	Distance from Mtwara Port (km):	0.0
	Area (Hectares):	1
	Processing Capacity (MT/Yr):	1,500
	Interested in a Joint Venture?:	Yes
	Available Utilities:	Water, electricity, a factory building owned by GPSA

	Status:	Working
Naliendele Agricultural Research Institute	Owner & Contacts:	NARI
	Location:	8 km from Mtwara town – along Newala road
	Distance from Mtwara Port (km):	8
	Area (Hectares):	1
	Processing Capacity (MT/Yr):	250
	Interested in a Joint Venture?:	Yes
	Available Utilities:	Water, electricity, research centre, factory building & equipment for juices and wine making
	Status:	Working
Yalin Cashewnut Company	Owner & Contacts:	
	Location:	10 km from Mtwara town – along Dar road
	Distance from Mtwara Port (km):	12
	Area (Hectares):	4
	Processing Capacity (MT/Yr):	6,000
	Interested in a Joint Venture?	Yes
	Available Utilities:	Water, electricity, industrial building of 6,000 m ² , new & modern Chinese machinery
	Status:	Working
AMAMA Farm	Owner & Contacts:	Petra Larson
	Location:	3 km from Tandahimba – along Newala road
	Distance from Mtwara Port (km):	107.5
	Area (Hectares):	11.6
	Processing Capacity (MT/Yr):	4,000
	Interested in a Joint Venture?	Yes – under EPZ arrangement
	Available Utilities:	Water, electricity, new machinery, factory buildings, good earth road
	Status:	Working
Kitama Farmers' Group	Owner & Contacts:	252 farmers – partnering with SIDO
	Location:	10 km from Tandahimba town – along Nanyamba road
	Distance from Mtwara Port (km):	107.5
	Area (Hectares):	1.5
	Processing Capacity (MT/Yr):	2,160
	Interested in a Joint Venture?	Yes
	Available Utilities:	Water, electricity, factory building, old machinery
	Status:	Working
Kiwanda Kidogo cha Kubangua Korosho	Owner & Contacts:	Group members
	Location:	Tandahimba town
	Distance from Mtwara Port (km)	107.5
	Area (Hectares):	0.72
	Processing Capacity (MT/Yr):	75
	Interested in a Joint Venture?:	Yes
	Available Utilities:	Water, electricity, a 250 m ² fenced factory building; one member with a 'barcode'
	Status:	Working
Micronix System Ltd (Korosho Africa Ltd)	Owner & Contacts:	Mahesh R Patel
	Location:	Newala TC
	Distance from Mtwara Port (km):	109
	Area (Hectares):	9.07
	Processing Capacity (MT/Yr):	3,500

	Interested in a Joint Venture?	No
	Available Utilities:	Water, electricity, a building with 12,000 m ² , offices, machinery
	Status:	Working
AgroFocus Ltd	Owner & Contacts:	3-Phase Government Minister
	Location:	Newala TC
	Distance from Mtwara Port (km):	109
	Area (Hectares):	12
	Processing Capacity (MT/Yr):	0.0
	Interested in a Joint Venture?	The president ordered the Minister for Agriculture to return the factory to GoT ownership
	Available Utilities:	Water, electricity, a building with 12,000 m ² , offices, machinery
Perfect Kernels Tanzania Ltd	Status:	Not working
	Owner & Contacts:	Hn. Kate Kamba
	Location:	Masasi TC
	Distance from Mtwara Port (km):	197
	Area (Hectares):	0.5
	Processing Capacity (MT/Yr):	925
	Interested in a Joint Venture?	Yes
Micronix System Ltd (Korosh Africa Ltd)	Available Utilities:	Water, electricity, a building with machinery
	Status:	Working
	Owner & Contacts:	Mahesh R Patel
	Location:	Masasi TC
	Distance from Mtwara Port (km):	197
	Area (Hectares):	6.10
	Processing Capacity (MT/Yr):	0.0
Masasi (Chakama) High Quality	Interested in a Joint Venture?	The factory isn't working because Lindi farmers filed a court case to object CRDB's decision to sell the factory to Micronix System Ltd
	Available Utilities:	Water, electricity, a building with 12,000 m ² , offices, machinery
	Status:	Not working
	Owner & Contacts:	Said Khatu
	Location:	Chakama village, 12 km from Masasi town
	Distance from Mtwara Port (km):	197
	Area (Hectares):	0.8
	Processing Capacity (MT/Yr):	0.0
	Interested in a Joint Venture?	Yes
	Available Utilities:	Old factory and godown building, with old machinery
	Status:	Not working

Table 4-4 Small Scale Cashewnut Processing Factories, Masasi Rural (DC)

Name of cashewnut Processor		Village	Ward	Available Equipment	Status	Capacity (Kg/day)	Contacts	Members
1	Cashewnut Processing Factory	Mpeta	Mpeta	Grader 1, Boiler 1, Drier 1, Cutting Machines 10, godown (200 MT)	Dormant but can work	40 kg/day per one machine	0789-172-072	38
2	Cashewnut Processing Factory	Nanjota	Nanjota	Grader 1, Boiler 1, Drier 1, Cutting Machines 5, godown (200 MT)	Dormant but can work	40 kg/day per one machine	0712-846-155	17
3	Cashewnut Processing Factory	Luatala	Sindano	Grader 1, Boiler 1, Drier 1, Cutting Machines 10, godown (200 MT)	Dormant but can work	40 kg/day per one machine	0682-368-015	11
4	Cashewnut Processing Factory	Rivango	Mchauru	Grader 1, Boiler 1, Drier 1, Cutting Machines 10, packaging machine	Dormant but can work	40 kg/day per one machine	0789-127-000	10
5	Cashewnut Processing Factory	Mnavira	Mnavira	Grader 1, Boiler 2, Cutting Machines 15, Godown (MT 200)	Dormant but can work	40 kg/day per one machine	0784-877-480	20
6	Cashewnut Processing Factory	Maugura	Chiungutwa	Grader 1, Boiler 2, Steamer 2, Cutting Machines 180, Trays 180, Tables 180	Dormant but can work	4 MT/day	0718-157-675	200
7	Cashewnut Processing Factory	Migongo	Migongo	Grader 1, Boiler 2, Steamer 2, Cutting Machines (Manual 42; automatic 15), Packing Machine 1, Godown 1	Dormant but can work	7 MT/day	0784-616-044	300
8	Cashewnut Processing Factory	Mkomaindo	Mkomaindo	Grader 1, Boiler 1, drier 1, Cutting Machine 6	Dormant but can work	40 Kg/Machine	0689-494-356	15

4.5 Land Allocation for Industrial Development

Table 4-5 Allocated Land for Agricultural and Industrial Development, Mtwara Region

Location	Land Size (Hectares)	Proposed Land Use	Distance from Mtwara Port (Km)
Mtwara MC	404.41	Located at Mtepwezi area (A, C. D and E)	0.0
Mtwara DC	23,388	Industrial development at Kitere, Lupide, Nachenjele and Msijute	80
Nanyamba	32	Located 10 km from Nanyamba, Nitekela ward – but not surveyed nor compensated	82.5
Tandahimba	52,000	Located at Malopokelo industrial area	107.6
	1,991	Rice Irrigation Scheme	107.6
Newala TC	12	3 km from town centre, along Masasi road	162.2
Newala DC	193.17	2.2 for heavy, 58.4 for light, and 44.45 for service industries, respectively	162.2
Masasi TC	22.19	Industrial development land has been surveyed at the Mtandi area, 4 km from Masasi town centre	196.7
Masasi DC	0.0	No land allocation for industrial development	196.7
Nanyumbu	9.78	have been allocated for educational institutions, but the district promised that it can be changed into Cashewnut Processing Factories use if an investor requests	261.6
Total	78,052.55		

5 Pwani Region

5.1 Basic Demographic and Socio-economic Profile

Pwani Region is one of Tanzania's 31 administrative regions. The total area is 32,547 km² (12,566 sq mi). The regional capital is the town of Kibaha. According to the 2012 national census, the region had a population of 1,098,668. From 2002 to 2012, the region's 2.2 percent average annual population growth rate was the seventeenth-highest in the country. It was also the 21st most densely populated region with 34 people per square kilometer. With a size of 32,407 square kilometres (12,512 sq mi). The region is bordered to the north by the Tanga Region, to the east by the Dar es Salaam Region and the Indian Ocean, to the south by the Lindi Region, and to the west by the Morogoro Region.



Figure 5-1 Map of Pwani Region

5.2 Districts

Table 5-1 Pwani Region Population (2012 National Census)

District		Population (2012)
1	Bagamoyo	311,740
2	Kibaha TC	128,488
3	Kibaha DC	70,209
4	Kisarawe	101,598
5	Mafia	46,438
6	Mkuranga	222,921
7	Rufiji	217,274
Total		1,098,668

5.3 Raw Cashew Nut Production

Table 5-2 Raw Cashewnut Production in Pwani Region, 2017/18

District		Metric Tons
1	Mkuranga	8,692.809
2	Kibaha TC	965.561
3	Kibaha (V)	368.761
4	Bagamoyo	204.402
5	Rufiji	2,606.776
6	Kisarawe	587.781
7	Mafia	104.519
8	Kibiti	6,491.354
9	Chalinze	69.397
Total		20,912.569

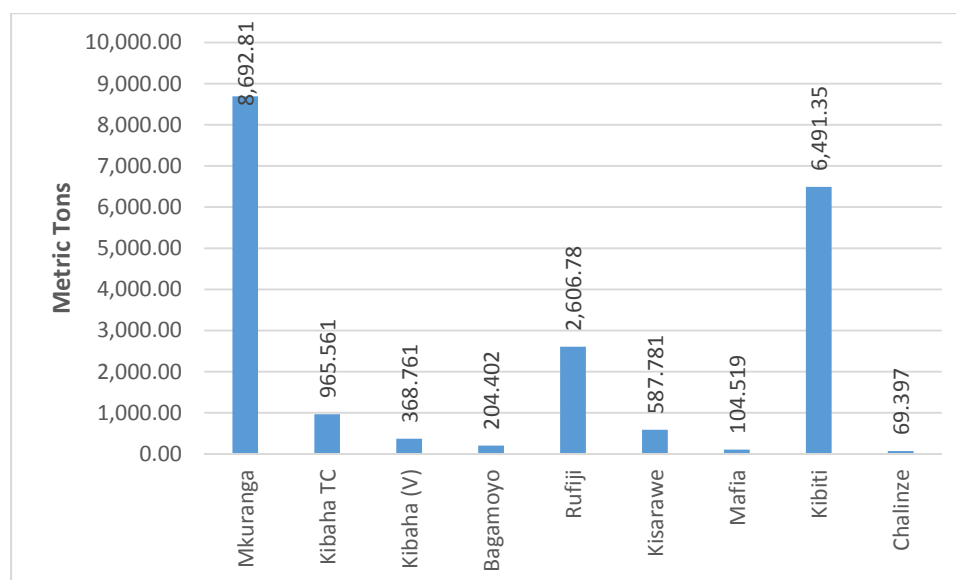


Figure 5-2 Raw Cashewnut Production in Pwani Region, 2017/18

5.4 Existing and Dormant Cashews Processors in Pwani Region

Table 5-3 Cashewnut Processors' Profile, Pwani Region

Processor's Name	Category	Detailed Description of Categories
Mkemi Agrix Co. Ltd	Owner & Contacts:	Salum Mkeni
	Location:	Mkwalia area, 3 km from Mkuranga town
	Distance from Mtwara Port (km):	50
	Area (Hectares):	0.6
	Processing Capacity (MT/Yr):	400
	Interested in a Joint Venture?	Yes

	Available Utilities:	Water, electricity, a factory building, offices, machinery
	Status:	Working
Fuzzy International General Trading	Owner & Contacts:	Arabin
	Location:	Kiparang'anda, 5 km from Mtwara town centre
	Distance from Mtwara Port:	55
	Area (Hectares):	1.5
	Processing Capacity (MT/Yr):	2,000
	Interested in a Joint Venture?	No
	Available Utilities:	Water, electricity, access road, factory buildings – which were turned from a godown
	Status:	Working
Kiwanda cha Kubangua Korosho Kimanzichana	Owner & Contacts:	Lower Kimanzichana Village government – but currently leased to MUWAKOM (Muungano wa Wabanguaji Korosho Mkuranga); built thru the ASDP support program
	Location:	Lower Kimanzichana village
	Distance from Dar Port (km):	80
	Area (Hectares):	1.6
	Processing Capacity (MT/Yr):	0.0
	Interested in a Joint Venture?:	Yes
	Available Utilities:	Water, electricity, a factory building of 350 m ² – built under the ASDP arrangement
	Status:	Working
Boon Ltd	Owner & Contacts:	Anna Michael & Husband
	Location:	Kisiju
	Distance from Dar Port:	80
	Area (Hectares):	0.2
	Processing Capacity (MT/Yr):	120
	Interested in a Joint Venture?	Yes
	Available Utilities:	Water, electricity, a factory building and some new machinery
	Status:	working
Terra Cashew (Formerly: TANITA)	Owner & Contacts:	
	Location:	Kibaha
	Distance from Dar Port:	50
	Area (Hectares):	12
	Processing Capacity (MT/Yr):	3,600
	Interested in a Joint Venture?	Yes
	Available Utilities:	Water, electricity, a factory building, new modern machinery
	Status:	Working
UVUKI Cashewnut Factory	Owner & Contacts:	Visiga cashewnut farmers
	Location:	Visiga
	Distance from Dar Port:	60
	Area (Hectares):	1.6
	Processing Capacity (MT/Yr):	48
	Interested in a Joint Venture?	Yes
	Available Utilities:	Water, electricity, a factory building with some locally manufactured machinery
	Status:	working

5.5 Land Allocation for Industrial Development

Table 5-4 Allocated Land for Agricultural Expansion and Processing Investments, Pwani Region

Location	Land Size (Hectares)	Proposed Land Use	Distance from Mtwara Port (Km)
Mkuranga	4,680	Industrial development at Mbezi Msufini and Mkiu	53
Kibaha TC	640	Industrial development at Zegereni	56
Kibaha DC	3,901.4	Industrial development at Kikongo, Soga and Kisabi	56
Total	9,221		