Jatropha Plantations

Kilwa District

By Pius Cheche

ASST. GENERAL DIRECTOR
Introduction

Bioshape Tanzania Limited

Jatropha Plantations

Benefits from Jatropha plantations
BIOSHAPE TANZANIA LIMITED

- Limited liability company (Tanzania)
- Registration number 59327 of 2007
- Daughter company of Bioshape Holdings bv Holland

Bioshape Tanzania Ltd was incorporated with the intention of developing a large scale Jatropha plantation in Tanzania.
BIOSHAPE Tanzania Limited

Focuses on Four Ps

People

Planet

Profit

Politics
BIOSHAPE Tanzania Limited

- **People**
  - Improve livelihood
  - Bioshape Benefit Foundation

- **Planet**
  - Protect the ecosystem
  - Sustainable development
BIOSHAPE Tanzania Limited

- Profit
- Sustainable Profit
- Cascading benefits
- For the whole community
Politics and economy

Good policies of the Government of Tanzania

Agriculture as the back born of the economy and it employ more than 80% Tanzania population

Transparency on its activities considering bottom up
The Oil Age is Over

What to Expect as the World Runs Out of Cheap Oil, 2005-2050

By Matthew David Savinar, ESQ.
BIOSHAPE JATROPHA PLANTATIONS

- Large scale Jatropha Farming
- Long term sustainable investment
BIOSHAPE JATROPHA PLANTATIONS

- Four Villages
  - Migeregere
  - Liwiti
  - Nainokwe
  - Mavuji
BENEFITS

❖ Cascading Benefits

☐ Individual benefits
☐ Village benefits
☐ District benefits
☐ Regional benefits
☐ National benefits
☐ Global benefits
BENEFITS

What Bioshape is doing;

1. Developed a 70ha Trial Farm
2. Infrastructure Development
3. Employment generation
4. Payment of taxes
5. Development agricultural sector
6. Charity projects
BENEFITS

Development of 70ha Trial Farm

Nursery for JCL seedlings, Ebony (Mpingo) and other endangered tree species, largest in East Africa

Trial Farm of 70ha well demarcated considering ecosystem and biodiversity

We shall use only 60% of the land in plantation in batches of 200ha plots and maintain 40% buffer zone of natural vegetations, animal free zones, endangered spp (i.e mpingo), hills and wetlands as well as thick forest (miyombo and costal forests )areas.

Establishment of bee keeping scheme for the purpose of pollination
BENEFITS

Development of 70ha Trial Farm

Conducting trials for the suitability of Jatropha in the locality

Experiments for Pests and Diseases that affect Jatropha in the area

Develop appropriate crop management practices
BENEFITS

- Infrastructure Development

Help build schools

Mandawa (girls dormitory)

Kikanda (construction and furnitures)

Mavuji (Kitchen for lunch project)

Facilitate exchange tutors/teachers from Europe
BENEFITS

- Infrastructure Development

Help construct hospitals

Kinyonga maternity ward, theater plus equipments

Water supply

Water wells for Mavuji, Nainokwe and Liwiti
BENEFITS

Infrastructure Development

Construct roads

700m road at Mavuji under construction

25 km road from Mavuji to Liwiti (in prospect)
BENEFITS

- **Employment generation**

  - Up to now, over 600 workers permanent and part time employees
  - At the end of 5th year over 5000 will be employed
  - More employment in the supporting sector
BENEFITS

❖ Develop the agricultural sector

❖ For food Production

❖ For cash crops

❖ Provision of extension services
BENEFITS

- Development of an out-growers scheme (future plan)
- Intercropping Jatropha with other food crops (currently working on to find which crops can be bestly intercropped with jatropha)
- Utilizing areas unsuitable for Jatropha for food and other cash crops
- Exploiting the Castor plant potential
BENEFITS

FURTHER PROJECTIONS

❖ Port usage and development
❖ Industrial development
❖ Payment of Taxes
❖ Charity projects
CHALLENGES

OPERATIONAL

POLITICAL

AWARENESS

COOPERATION
CHALLENGES

OPERATIONAL

Machineries and Equipments
Availability of appropriate machineries
Delays in the procedures of importing
CHALLENGES

OPERATIONAL

Soil and climatic conditions
Changing weather
Variations in soil types

Manpower
Future worries, the number of people and availability of social services
CHALLENGES

POLITICAL

Fulfilling the hopes and expectations

Close cooperation with government officials

Creating more awareness on the activities and benefits of Jatropha farming
CHALLENGES

AWARENESS

Awareness to the public on the benefits of Jatropha

Awareness to the government officials in the lower levels

Instigate a creative inquisitive culture to the public

Mass information of healthy issues esp. HIV/AIDS and other diseases
YOUR COOPERATION

THANK YOU