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Development of Cotton By-Products in Mozambique

By

Luis Tomo, Director-General, Mozambique Institute for Cotton

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Mozambique Institute for Cotton
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Website: www.masa.gov.mz
Presentation outline

I. Country Profile

II. An overview of the cotton subsector;

III. Cotton by-products in Mozambique;

IV. Potential gains

V. Main Challenges

VI. Needs for technological transfer;
I. Country Profile (1/2)

Mozambique

Demography (2017)
- Population: 28 million Hab. (36,1 Hab/Km2)
- Population growth rate: 2%
- The Capital: Maputo City

Land and Climate
- Area: ~36 million ha
- Suitability for Agricultural development

Key Economic indicators (2017)
- Currency: Metical, MT
- GDP: US$ 12.5 B (estimate)
- GDP per Capita: US$ 446
- Annual GDP growth rate: 3.4 %
- Contribution of Agricultural GDP: 23%
Location of Mozambique and routes for regional and international markets

- Coastal area = 2,700 km
- Port of natural entrance for Middle East, Mediterranean and Asia
- Development corridors, ports, airports, railways and roads to access SADC region
- Over 250 million of consumers at SADC region
II. An overview of the cotton sector in Mozambique
Cotton Stakeholders

IAM

Monitoring
Coordination
Technical Assistance

FONPA

Cotton farming

AAM

Technical Assistance
Ginning
Follow the regulation

Price setting mechanism
i. Concession system

ii. 11 companies (20,000 jobs);

iii. 1,2 million farmers;

iv. 126,000–180,000 ha, 700 kg/ha;

v. Seed cotton – 80,000 ton

vi. 4th agricultural export product

vii. A regulatory framework for cotton development
Lint Markets

- Bangladesh: 30%
- South Africa: 21%
- Malasia: 19%
- Singapura: 13%
- Indonesia: 1%
- Portugal: 2%
- India: 2%
- Mozambique: 2%
- Mauritias: 10%
III. Cotton by-products Development
There is a huge potential for investment in cotton by-products but lack of data
1. Cotton seeds
2. Cotton seed oil
3. Cotton seed cake
4. Soap
5. Cotton stalks
6. Linters
7. Cotton husks
IV. Potential benefits

i. Strengthening of the cotton seed system

ii. Stability of Farmers’ revenue

iii. Increase of the cotton seed yields

iv. Reduction of environmental pollution

v. Development of the local market

vi. Job creation

vii. Poverty reduction
V. Main challenges

i. Lack of awareness
ii. Low price of seed cotton
iii. Weather condition
iv. High cost of production
v. Limited financial support
vi. High cost of electricity
vii. Inadequate policy
viii. Competition
VI. Need for technological transfer

i. Usage of Industrial waste

ii. Value addition at farm level using cotton stalks;

iii. Expeller pressing machine

iv. Production of surgical cotton wools, bandages for medical purposes;

v. etc
“MOZAMBIQUE IN INCREASING PRODUCTION AND PRODUCTIVITY TO ZERO HUNGER”