

Patrick Luganda-President EBAFOSA Uganda

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African Center for
ACTS
Knowledge for Better Livelihoods



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EBAFOSA

Ecosystem Based Adaptation for
Food Security Assembly

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Opening Up to Expand

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Key Successes Achieved -Five Pillars



- **EBA Approaches with Buganda Kingdom**
- **Clean energy use of solar powered pumps for irrigation with private sector**
- **Standards for quality across all the value chain UNBS**
- **Policy Task force teams with the UNPA**
- **ICT connectivity to markets and innovative financing**





EBA APPROACHES

EBAFOSA

- **Practices identified**
- **Classify practice**
- **Mapping**
- **Innovative volunteers**
- **Clustering enterprise**
- **Partners**

Highlights

- **Buganda Kingdom top**
- **Cassava and sorghum**
- **Organically grown**
- **Local market**
- **Rich soils and climate**
- **Youthful population**





Quality value chain (EBA)



Sourcing of High Quality Planting materials essential in ensuring excellent grade cassava cuttings. Close supervision



Clean energy

EBAFOSA

- Energy types in use
- Classify practice
- Mapping
- **Innovative Volunteerism Actors**
- Clustering enterprise
- Partners

Private sector

- Hydro power
- Solar energy preferred
- Appropriate for
- Solar irrigation
- Primary processing



Used Solar Powered Irrigation





Policy task team

EBAFOSA

- Practices identified
- Classify practice
- Mapping
- Innovative volunteers
- Clustering enterprise
- Partners

Uganda national planning authority

- Policy intervention
- Interagency MDAs
- **NDP3 contribution**
- Agro Industrialization
- NPA host Task Team
- Cassava test crop



Field to Negotiating Table

Dr. J. Muvawala and Dr. R. Munang Compare notes



Ebafosa Coordinator/NPA Executive Director Happy





Meeting at Planning House





Standards Compliance

EBAFOSA

- Practices identified
- Classify practice
- Mapping
- Innovative Volunteerism Actors
- Clustering enterprise
- Partners

Uganda National Bureau of Standards

- EBAFOSA with UNBS has developed the Compliance Standards **Climate Action Market Incentives** document cutting across several standards





Several Meetings on Standards



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Time to Train farmers Driers

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ICT Market Driven Incentives

EBAFOSA

- Practices identified
- Classify practice
- Mapping
- Innovative
Volunteerism Actors
- Clustering enterprise
- Partners

ICT/COOPERATIVES

- Private sector
- Saving cooperatives
- Value chain players
linked
- Opportunities
- Efficient mobile money
transfers



Ebafosa Buganda Kingdom Cassava Initiative



- **Joint efforts to widely promote EBA practices led to zeroing on cassava as a critical intervention crop for clean energy , climate smart for agro industrialization**
- **Several meetings with Kingdom government ministers and officials**
- **Establishment of the EBAFOSA/BUGANDA Sentema Agro industrialization Complex in Busiro County**



Ebafosa Buganda Kingdom Cassava Initiative



- These joint efforts best exemplified in Kyaggwe county established 25 acres multiplication block farm linking to farmers in other parts of the Kingdom to quality seed and clean energy and agriculture smart approaches
- The use of solar dryers as a smart climate action fabricated using locally available materials by the **EBAFOSA Innovative Volunteerism AYAI Academy**



Ebafosa Buganda Kingdom Cassava Initiative



- **Solar dryers promoted through innovative financing facility linking farmers savings groups to micro finance facilities**
- **Better quality and quantity cassava flour and saved post harvest losses.**
- **More earnings enables farmers to save and purchase tools to realize improved performance towards smarter practice**















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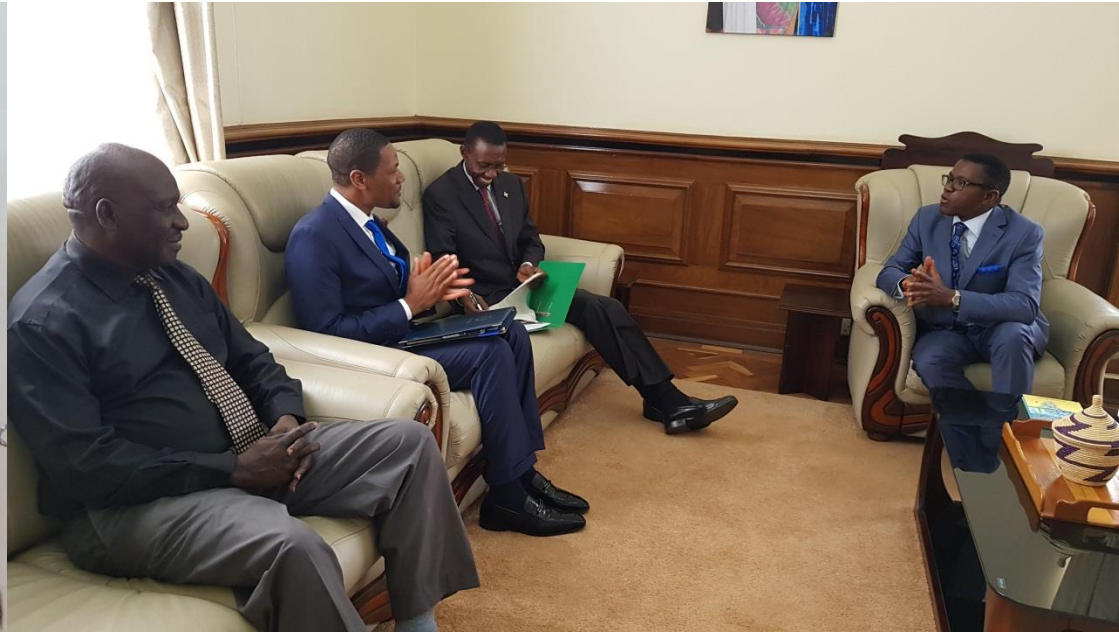


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Meeting the Prime Minister





Meeting the Kingdom Cabinet





Buganda Cassava Initiative



- **Multiplication garden of 20 acres ongoing in Sentema, Busiro county**
- **Additional 10 acres for youth and 25 acres in Ngogwe Kyaggwe County ongoing**
- **With a multiplication crop of 55 acres EBAFOSA in collaboration with Buganda Kingdom we have high quality cassava planting materials to supply the 18 counties of the Kingdom within 2020**



AGRO INDUSTRIALIZATION CASSAVA



- **In agreement with Buganda Kingdom, Uganda Breweries, Uganda National Planning Authority, the Uganda Bureau of Standards, and other stakeholders to continue with the developing cassava as a high value industrial crop that will contribute to the development of the country and accelerate Climate Action and Agro-Industrialization**



VALUE ADDITION CHALLENGES

- **Value addition in agriculture production is critical**
- **However no transformational action has been embarked on to complete the value chain**
- **The deliberate seamless building of a complete value chain from crop production to exportable products is absent. Disjointed efforts in place**



Overcoming Ongoing Challenges

- **Building Coalition of willing Allied Forces against Hunger, poverty, malnutrition**
- **Bringing the activities of EBAFOSA Uganda to the attention of the national development plans. The agro industrialization drive is the centre indeed heart of the National Plan Three which becomes operational; 2020**
- **The EBAFOSA developed standards are being adopted as a Uganda National Compliance Standards document to guide the country on standards compliance**



Joining the dots to fill the gaps

- **Noted the need to join the various players from the grassroots to the top of the value chain to the export consumption products within the country, regionally and to several Africa countries**
- **This in particular needs careful intentional building by exploiting existing opportunities within the country to fill the gaps. The Buganda kingdom has been an important entry point using well established traditional social and cultural governance systems in place.**



OPPORTUNITIES

- **The Policy task force work started with the National Planning Authority will play a critical contribution to National Plan Three for Uganda**
- **Standards Compliance documentation now awaiting approval by the UNBS will enable promotion of high quality products to the African market and beyond**
- **EBA and amalgamations with the on-going initiative with Buganda Kingdom provides an opportunity for expansion of the model to other parts of the country**



Cassava Value Chain

Buganda focus



- **Farmers brought together to access high value planting materials in large amounts. Initial value chain starts here with cuttings and use of solar irrigation pumps (clean energy)**
- **Farmers availed technologies to add value to crop as primary processors. Using solar driers enables production of high quality cassava flour that goes on to the next value chain player**
- **Use of clean energy in drying cassava is a first step value addition. The secondary processors in the value chain make various products to the growing local national market.**



Cassava Value Chain

Buganda focus2

- **Secondary processors in Buganda are the beer breweries with an assured market in agreements reached between the Uganda breweries and Buganda Kingdom to make Engule (Crown) brand**
- **Several other big players in the industrialization drive are showing interest including pharmaceutical, bakeries and others**
- **EBAFOSA intentionally building the value chain linkages using the five pillars is very significant**



Cassava Value Chain

Buganda focus



- **Sentema Agro Industrialization Centre plus the National Task Force ensuring the coherence of the various policies as well as harmonizing and synchronizing policies, laws and agreements for a smooth actualization of agro industrialization is very important.**
- **EBAFOSA remains a key player in the process it started in the EBA practices, Standards Compliance, Policy harmonization and the innovative financing processes.**





Conclusion



The Buganda EBAFOSA Cassava Agro-Industrialization and climate action initiative is a growing flagship whose model will be upscaled and outscaled across the entire continent.





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