**BUMA Fish & Integrated Farm Story**

**Introduction**

**BUMA Fish & Integrated Farm** is family business established in 2009. BUMA has undergone transformation, from perennial maize production to *Horticulture* and *Aquaculture.*

**Location:** The Farm is situated in Isukha East, Muranda, Shamiloli Road, Shamiloli Market P. O Box 2705 – 50100, Kakamega County.

**BUMA Fish & Integrated Farm** has several elements that distinguish it from other farms, making it a market leader in spearheading behaviour change and promoting generation of local income in Crop and Fish production. A unique feature with BUMA Farm is an inland fish pond in the homestead, a green house, dry land farming by use of drip technology, and a professional approach for cultivation of African indigenous vegetables.

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BUMA Farm prides itself in using a delicate balance between the latest technologies in production both in the processes and human resource.

***Vision***

To be the leading quality indigenous vegetables producer for better health

***Mission***

To drive behaviour change through Food production; Secure food supply and Security **every day** of the year.

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| ***Values***  BUMA Farm strives to change lives by utilizing land efficiently by growing a variety of food with good nutrition, drive mind set change, build reputation and **grow** the business and our **people** to ensure long term success thus **sustainability.**  BUMA Farm is continuously testing new technology as per Millennium development goals in Horticulture and Aquaculture and will ensure maximum economic benefit to the owners and the community  **Objectives of BUMA Farm**  BUMA aims at realising the following objectives:   1. Promote food security 2. Income generation 3. Dissemination of technology 4. Horticulture and Aquaculture value chain (Production to Marketing) 5. Change management   **Partnership and Networks**  BUMA has a committed team working on the farm and collaborates with other stake holders like **local community** very key to the farm; Ministry of Agriculture; Livestock and fisheries Kakamega county.  **Expertise**  BUMA farm works closely with Egerton University, Masinde Muliro University especially for technical expertise. This association gives the Farm the confidence to explore new technology and ideas. For instance, in terms of fish farming (aquaculture), BUMA farm is working closely with state department of Fisheries Kakamega county , while in horticulture Buma farm is now receiving technical support (i.e. consultancy) from Egerton University in Agronomy and Agri business, ensuring that the right quality of production is achieved with high yields. | | | |

**Way forward**

BUMA Farm looks forward to up scaling, mainstreaming, deepening and actions of the project through:

1. A market for the produce within Kakamega County and the wider community.
2. Expand production by teaming up with the community to produce on their farms and provide labour.
3. Set up a warehouse (cold room) on the farm
4. Set up a state of the art “processing plant” for fruits and vegetables on the farm
5. Set up a green grocery outlet in Kakamega town with (home delivery concept).
6. Export indigenous vegetable out of the County including overseas
7. Exploring more opportunities through the RCE network-RCE Kakamega-Western Kenya
8. Embracing institutions of higher learning/Education and moreso the Health and Nutritional Departments for enhanced research and development.
9. Development of web portal/website: [www.bumafarm.co.ke](http://www.bumafarm.co.ke)

**Challenges:**

1. Marketing still a challenge because Kakamega County depends mostly on imports from other counties.
2. Community/workers change of mind-set into transformation and Business.

The challenge here is agriculture practices where the community is dependent on one crop - Maize. A practical food crop, as it is eaten right from when it matures as green maize, then when it is semi dry for “maize and beans meal”, then finally dry maize for milling.

The community/workers have small portions of land with many dependents and live on hand to mouth, no surplus stored away. **This encourages dependency**.

1. Agriculture consultants have challenges delivering results, bringing to question the fees charged.

The challenge is, the **data for results**  is based on global/national book values and not domesticated/local values. **The promise on the yields does not match the outcome**. A concern to the farmer when results are always explained because things are not in control.

*There is need to have local data for the complete value chain, again best done by a professional.*

1. Succession – Sustaining the vision
2. Develop a Business Model that will address modern innovation techniques in supply chain for the business.
3. Access to information (common messages) especially in reaching out to communities.
4. Networking (between learning institutions/extension field workers/policy makers/Retailers and farmers)

**Information/Results Dissemination**

BUMA Farm disseminates its information and results through: RCE workshops/trainings like the recent training at Golf Hotel-1st /2nd Aug 2013, Burial sessions (at the home), Field Day hosted at BUMA Farm on 14th Aug 2011.

In summary, BUMA fish and Integrated Farm is an example of a transformative learning process that facilitates change in agricultural process from traditional to modern agriculture. All the resources human; land; professionals and infrastructure starting to be addressed, should translate into a profitable Farm to the community; other stake holders and the owners.

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