



**10<sup>th</sup>  
EAPCE  
2023**



**P R E S E N T S**

# **10<sup>th</sup> EAST AFRICAN PETROLEUM CONFERENCE AND EXHIBITION**

**9<sup>th</sup> – 11<sup>th</sup> May 2023, Kampala Serena Hotel, Uganda**

*Sponsors · Partners*



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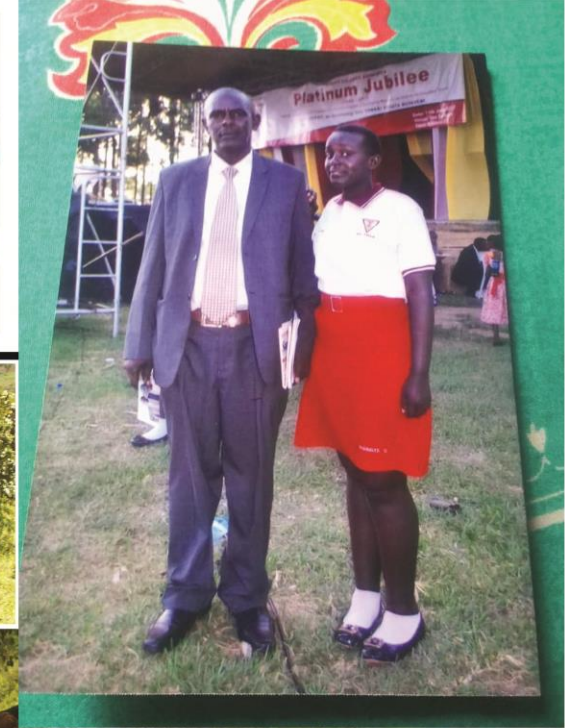
# 10TH EAST AFRICAN PETROLEUM CONFERENCE & EXHIBITION 2023

(EAPCE'23)

THEME:

East Africa as a hub for investment in Exploration and Exploitation of Petroleum Resources for sustainable Energy and Socioeconomic Development.

09th - 11th May, 2023 | Kampala, Uganda | [eapce23eac.int](http://eapce23eac.int)



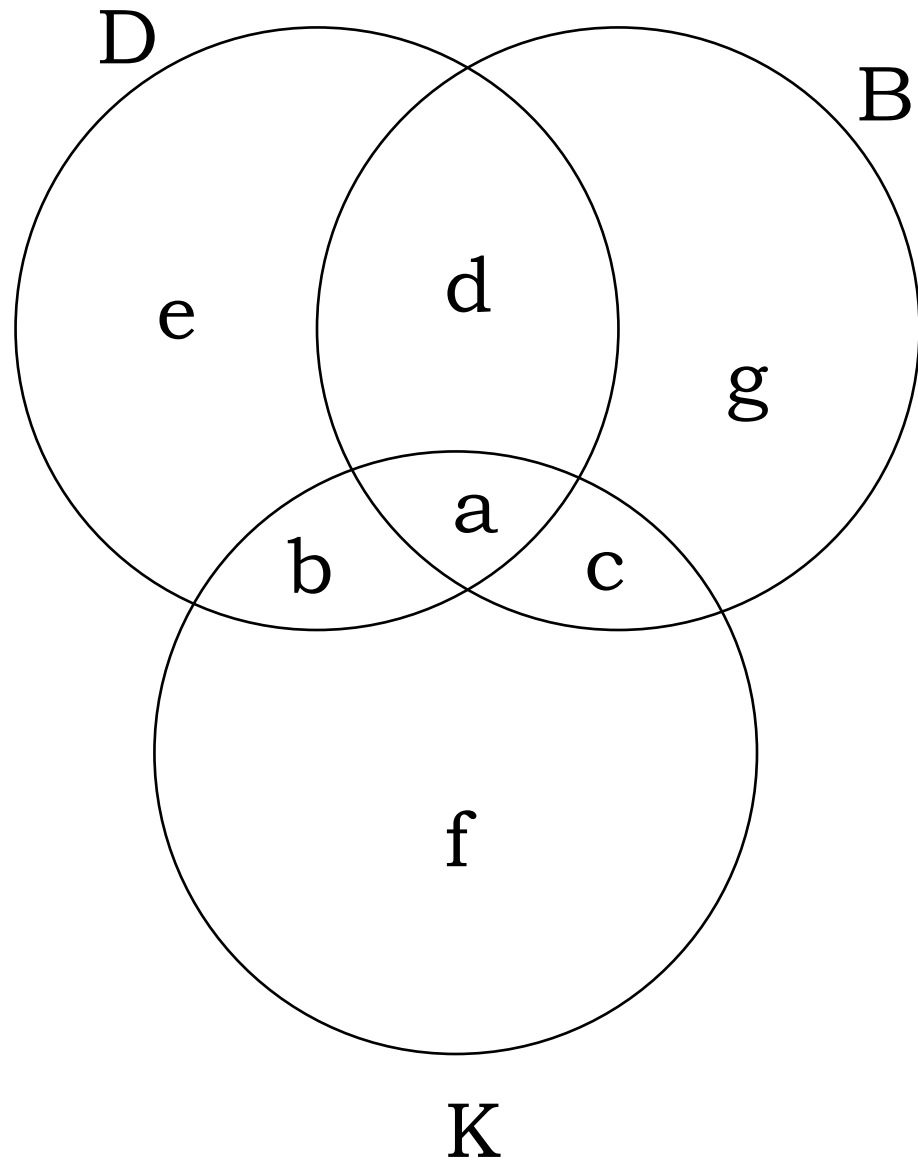


# **KASIRABO HOLDINGS BREEDING MODELING**

## **Objectives**

- To build, own and operate a family project to perpetuity
- To demonstrate farming is a good business
- To avail community with disease free planting and breeding materials.
- To control land fragmentation

- To build up collaboration among the government agencies, NGOs, Donors and Kasirabo Holdings for prosperity.
- To seek partnership with International farmer's groups and Associations for technological transfer.
- To promote girl child education.
- To main stream gender and HIV & AIDs
- To build International standards for market products



- B= {Bananas}
- D= {Dairy}
- K= {Kasirabo Family}
- a= {Land, Food, Money, Good Health & standard}
- b= {biogas, cattle product}
- c= {fruits, fuel and woods}
- d= {manure, feeds, pesticides}
- e= {livestock and chicken}
- f= {labour both semi and skilled}
- g= {bananas}

- 640 acres total acreages for all enterprises and structures
- 600 acres for diary
- 40 acres for crop and trees
- 8 paddocks of about 80 acres each
- Each paddock with:
  - i. Housing unit
  - ii. 3 acres bananas
  - iii. 1 acre of fruit trees
  - iv. 1 acres of timber
  - v. 1 valley tank
  - vi. Milking Parlor
  - vii. 25 breeds of trait
  - viii. perimeter fence
  - ix. Pasture and fodder
  - x. Power/ Bios gas
  - xi. Cattle crush

## Kasirabo Holdings Annual target

1. 200 elite diary heifers for sale
2. 1,440,000 liters of raw milk per year
3. Processed milk products
4. Food security for workers
5. Extension services to community
6. Adoption of advanced technology in breeding & fencing matrices.
7. Production of a farmers' field school to give hands on experience and training to college institutions and farmer groups
8. Provide research data for agricultural training and deductions

## **KASIRABO HOLDINGS START UP CAPITAL:**

- EACOP PAP Compensation fund
- 50 heads of cattle from family
- 12 graduate skills on the farming
- 150 heads of cattle from Government or donor: or means of acquiring the needed genetics.
- Spray race
- Farm tractor
- Toyota Hilux Pick up
- Hire of veterinary and agriculture assistants as managers.



## **BENCH MARKING AND COMPARISONS WITH OUTSIDE WORLD:**

### **(a) FRANCE**

A typical French dairy farm has:

- i. 52 dairy cows
- ii. 330,000 litres produced annually
- iii. 88 hectares including 32 hectares for pasture
- iv. 54% farms are run by co-operatives
- v. 46% farms are run as family businesses.
- vi. 75% of raw milk in farms are transformed
- vii. 1.9% of collected milk is organic

## **A typical cow:**

- i. Weighs 600 kg
- ii. Produces 6,800 litres of milk annually
- iii. Produces up to 30 litres a day
- iv. Drinks 80-100 litres of water during lactation
- v. 70kg of forages and cereals daily

## **In general, there are;**

- a. 60,000 daily farms
- b. 650 processing plants
- c. Only 10% of farms have more than 100 Heads of Cattle
- d. 60,000 farms with average of 60 heads of cattle per farm.

## **(b) BENGBU FARM IN ANHUI PROVINCE, CHINA**

- Is nearly 600 acres
- It is a huge modern farm
- It's the largest raw milk producer in China
- Has 8 (eight lactating cow barns to hold 2,880 milking cows each)
- The cow yields on average 12.6 tons of milk annually.

- The cow in 2020 with the highest average yield had 13,654kg milk per cow per year
- A large scale farm means a farm with thousands of cows
- More than 66% of farms have more than 1,000 cows
- Has bio gas production
- Grouping of farms in each province
- Well protected farms for bio security reasons



## **LESSONS LEARNT FROM FRENCH FARMS**

- Milk is produced from every where in France
- For generations farmers and dairies have been rooted in their local regions all across France
- Dairy industry is a driver of French economy recording a trade surplus (euros 3.6 billion in 2013)
- Offer 250,000 jobs
- Generate revenue of Euros 27 billion
- Dairy farms are family run businesses
- 2-3 farmers pull pasture and herds together

## **LESSONS LEARNT FROM CHINA**

Chinese focus is from low to high yielding results. They do:

- i. Minimize stress
- ii. Control feeding
- iii. Milking and feeding frequency
- iv. Skilled employees
- v. Focus on reproduction
- vi. Good overall management
- vii. Good farming framework

## **POLICY ISSUES,**

### **(a) France**

- (i) 330 pilot farms that form part of Protein Plan launched by the French government
- (ii) Family based milk mass production
- (iii) Value addition (processing of milk in farms)
- (iv) Generally:
  - (a) France is 2<sup>nd</sup> largest milk producer in Europe
  - (b) Contributes 3.5 % to world milk production
  - (c) Every single province develops its strategies to increase production and productivity.

## **POLICY ISSUES**

### **(b) CHINA**

- (i) Farming is both intensive and extensive
- (ii) Maintain reasonable number of young cows and reduce cash input for young cattle
- (iii) Large scale farming leads to high professionalism for best results at any single time:
  - Breeding teams
  - Veterinary teams
- (iv) Ensures continuous production by minimizing production of off springs from cows with low genetic quality
- (v) Farmers have generated their own advisors
- (vi) Farmers and managers have advanced management concepts and skills
- (vii) They have developed SOPs
- (viii) Grouping of farms in thousands of cattle
- (ix) Each sector has its own specialized advisors
- (x) Emphasis on training of management and workers



## **WAY FORWARD**

1. Kasirabo Holdings seeks partnership from any of the farmers in both France and China to utilize, modernize, computerize and process milk products in 2 portions of 300 acre each mixed organic farming.
2. France & China have both technology & managerial skills for cross transfer
3. Kasirabo Holdings has potential to produce the same or even better and sweeter products because of cheap labour, good soils and favorable climate in the Pearl of Africa. Mubende district, in particular, produces the sweetest goat meat, Robust coffee ( Kaweeri Coffee) and is the source of the finest and shallowest gold in the World. The Mubende goat skin provides the best leather in International Market.
4. Both CNOOC and TotalEnergies can provide the link between Kasirabo Holdings and Foreign Farmers for mutual benefit to family members, since we all live in one global village. Our similar 640 acreage is a big resource to give maximum income and production.

**YOU ARE  
WELCOME !**