

# Solutions To Reduce Milk Wastage Among Small Scale Dairy Farmers In Chongwe District, Zambia.

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## Background

- ❖ Zambia a developing country in southern Africa, 80 % of Zambia's population depend on agriculture.
- ❖ Small scale dairy (SSD) farmers produce approximately 620 million liters annually.
- ❖ Only 12% reaches the formal channels Processing fermented / sour milk by small scale dairy help reduce milk wastage .

## Objectives

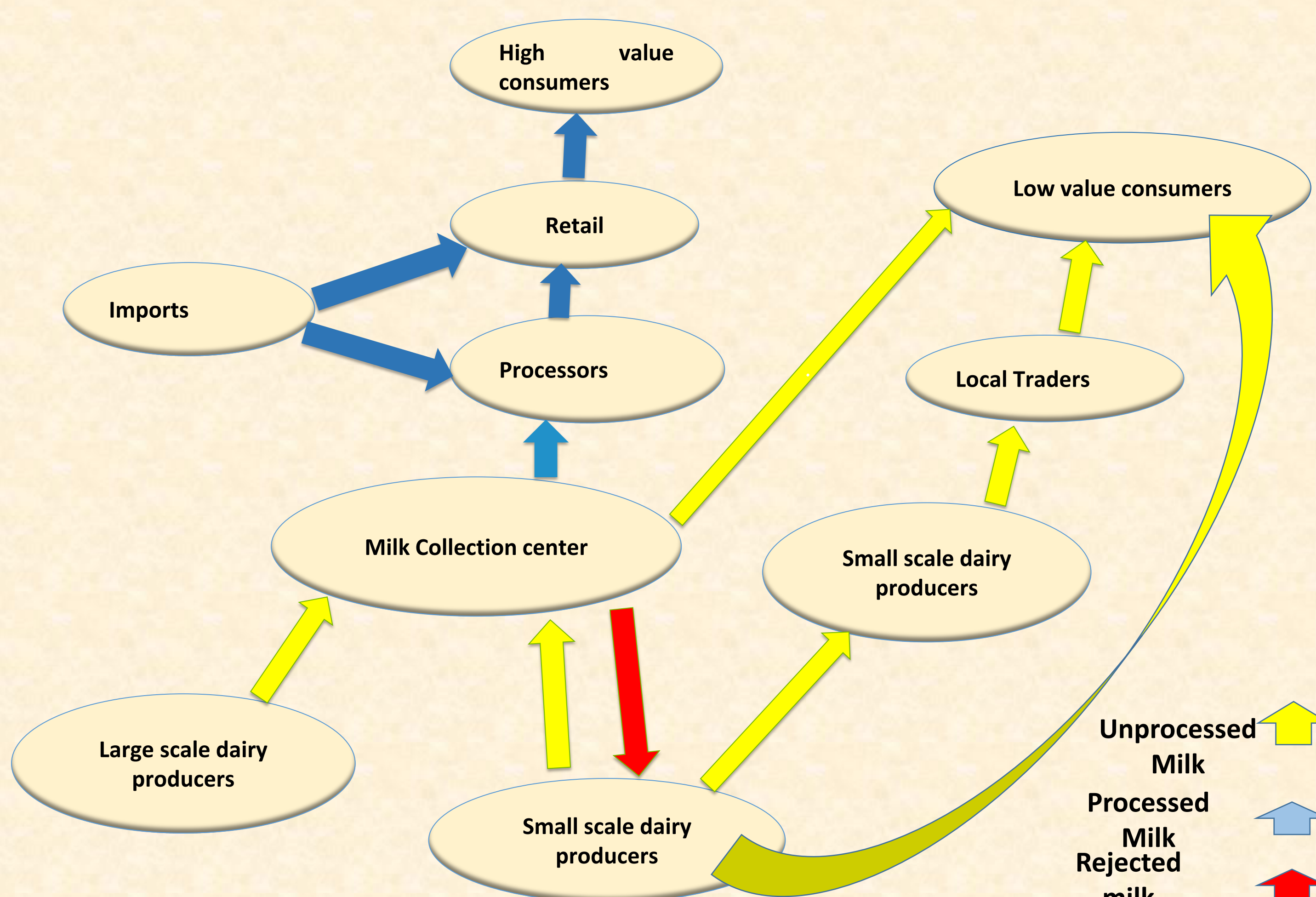
- ❖ To reduce milk wastage among SSD farmers in Chongwe District
- ❖ To promote local processing of fermented milk locally called mabisi (sour milk) by SSDF

## Points of Wastage

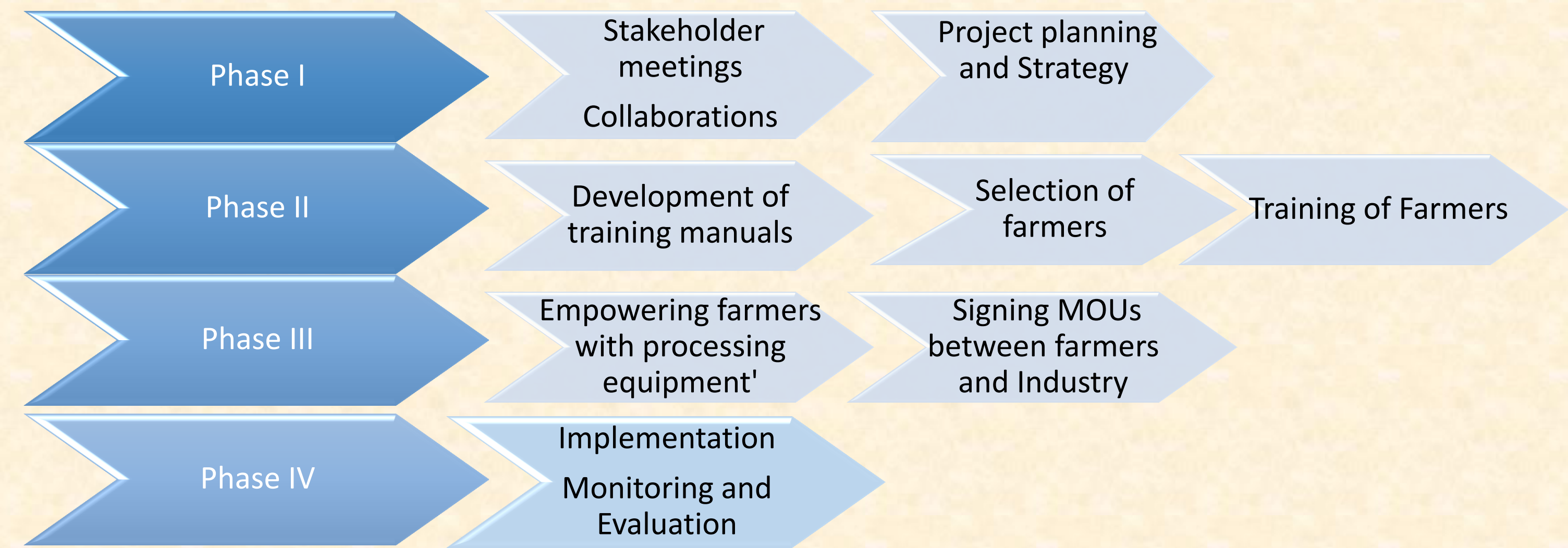
- ❖ A. Production stage
- ❖ B. Collection Center (Rejected milk)
- ❖ C. Local processing stage /packaging
- ❖ D. Local market



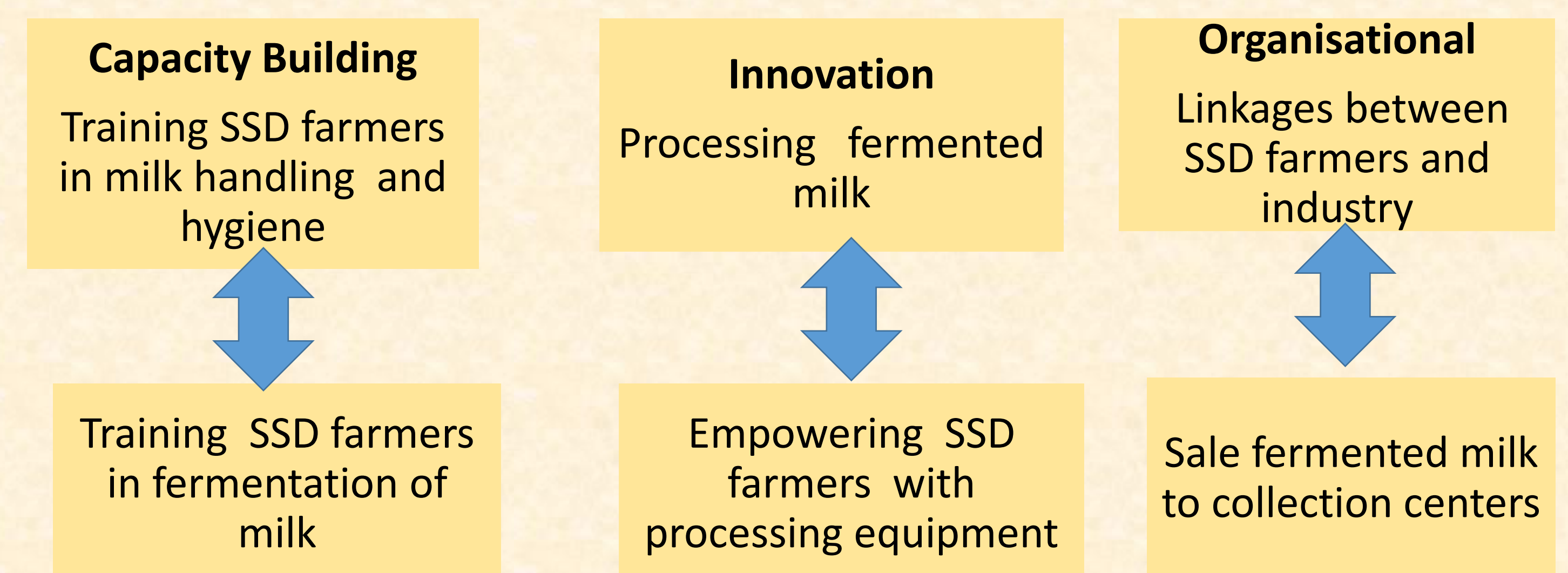
## Generic dairy value chain in Zambia



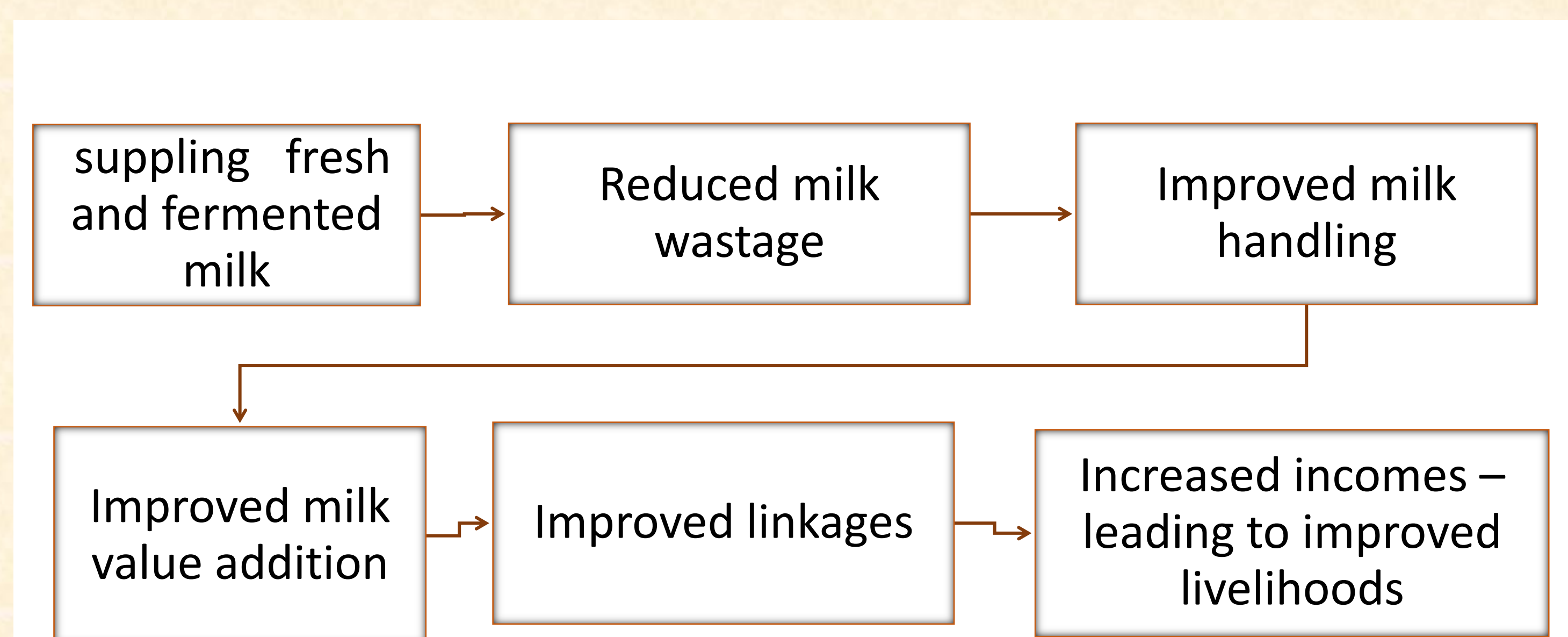
## Implementation Steps



## Solutions



## Expected Outcomes



## Risk Analysis

- ❖ **Risk:** Easy pathogen contamination of milk  
**Management :** Provide cooling facilities
- ❖ **Risk :** Low adoption by SSDF
- ❖ **Management:** Create demand for the product

## Conclusion

- ❖ Dairy sector provides food security, improved human health, employment and income
- ❖ The sector lags behind due to milk wastage
- ❖ Value addition of processing fermented milk can unlock the potential of SSD farmers.