

Empowering MSMEs in the agricultural sector in Africa
(Case studies from women-led farming cooperatives in Zambia and Kenya)

Supply chain barriers, solutions, and the influence of ISO standards



By

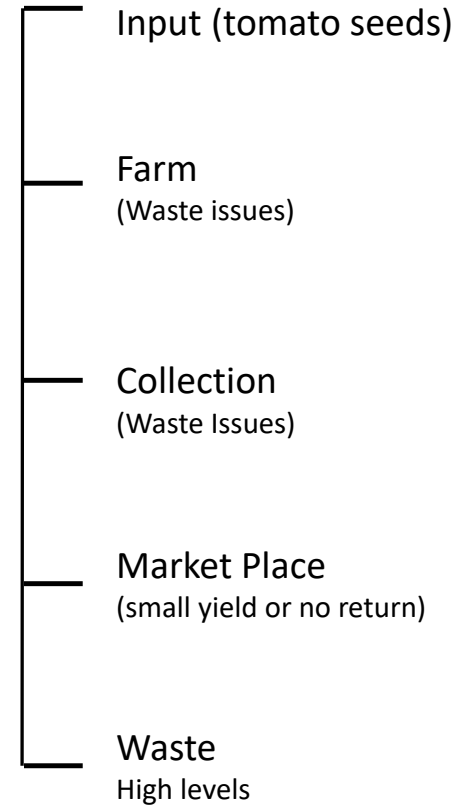
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**MICRO
WOMEN-LED
FARMERS
ZAMBIA**

Chongwe district: Marketplace



Micro Tomato women-led farmers



Chongwe District: Zambia Women-led Farmers



Mwalumina, Chongwe District



Lwimba, Chongwe District



Lukoshi, Chongwe District



**Chongwe Women's
Tomato Supply Chain -
Zambia**

MAKING TOMATO SAUCE AND PASTE



- Input (seeds)
(Barriers/Solutions)
Organic produce
- Farm
(Barriers/Solutions)
Climate Smart Agri
- Processing
(Barriers/Solutions)
Premises/equipment
/clothing
Packaging
(Barriers/Solutions)
ISO 22000/
patent/copyright
- Storage/Collection
(Barriers/Solutions)
Lack of storage space
Electric vehicles/
transportation
- Market Place
(Barriers/Solutions)
Limited market
Relationships
- Consumer
(Barriers/Solutions)

3 PACKED FINISHED PRODUCT



2 FINISHED PRODUCT



1 TOMATO SAUCE PROCESSING



1 DRYING OF TOMATO

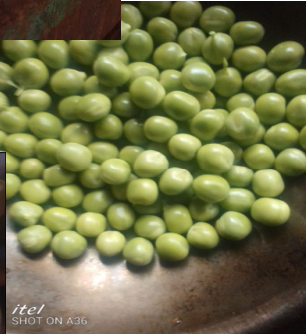


2 DRIED PRODUCT



3 END PRODUCT

Working Partnerships



MICRO – Tomatoes (ZAMBIA)

- Input (seeds)**
(Barriers/Solutions)
Education
- Farm**
(Barriers/Solutions)
Land rights / Farming practices/food loss
- Processing**
(Barriers/Solutions)
Premises/equipment /clothing
- Packaging**
(Barriers/Solutions)
ISO 22000/ patent/copyright
- Storage/Collection**
(Barriers/Solutions)
No Storage
- Market Place**
(Barriers/Solutions)
Limited market
Local Relationships
- Consumer**
(Barriers/Solutions)

SMALL – Peas (KENYA)

- Input (seeds)**
(Barriers/Solutions)
Organic seeds
- Farm**
(Barriers/Solutions)
Land rights / Farming practices / food loss
Climate Smart Agri
- Processing**
(Barriers/Solutions)
Renting Premises
- Packaging**
(Barriers/Solutions)
ISO 22000/certification
patent/copyright
- Storage/Collection**
(Barriers/Solutions)
Consolidation /Lack of storage space
Cold Storage / refrigeration
- Market Place**
(Barriers/Solutions)
Limited market
Local Relationships
- Consumer**
(Barriers/Solutions)

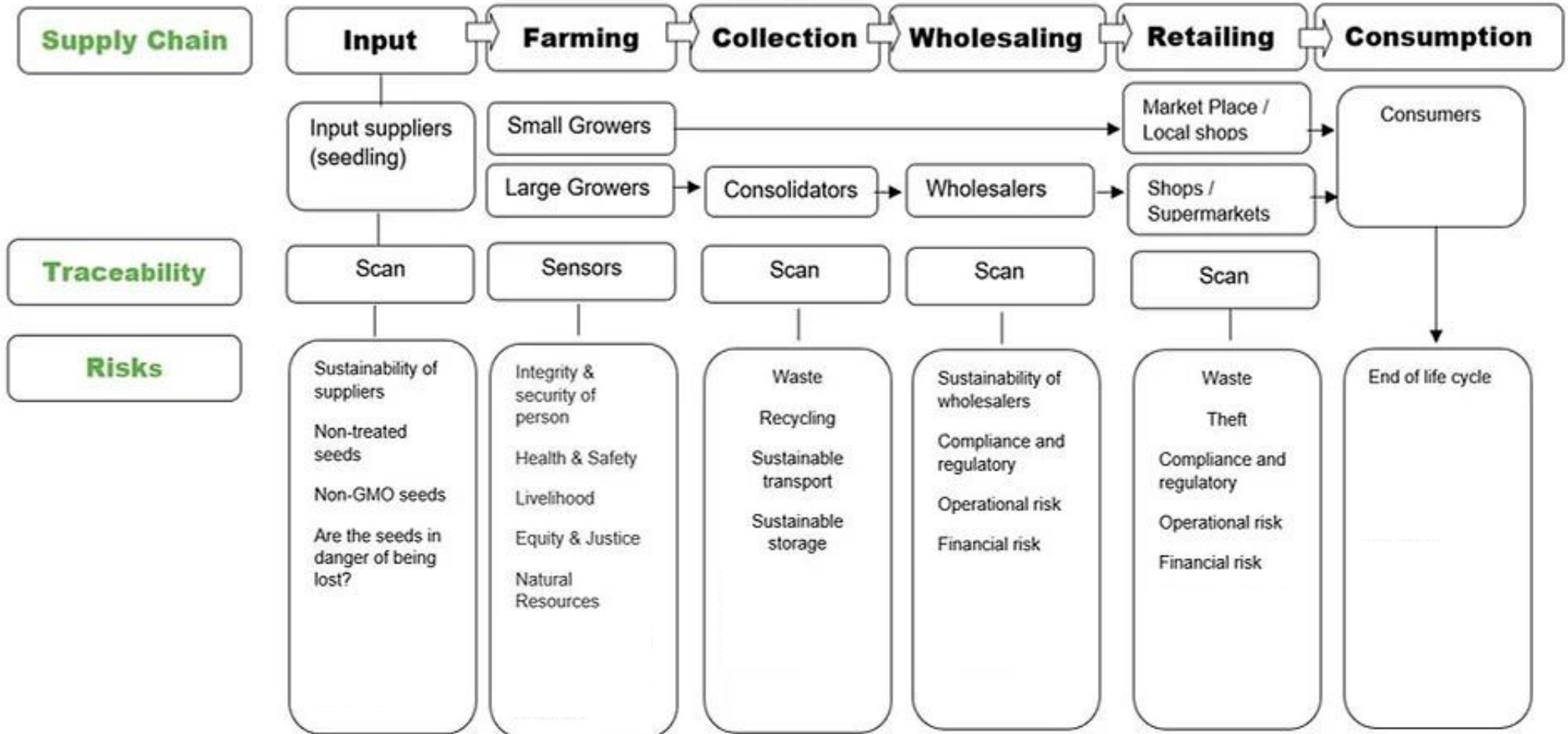
Medium – Ginger Jam (KENYA)

- Input (seeds)**
(Barriers/Solutions)
Natural pesticide
- Farm**
(Barriers/Solutions)
Climate Smart Agri/
- Processing**
(Barriers/Solutions)
SPS (Sanitary and Phytosanitary)
- Packaging**
(Barriers/Solutions)
Cross-border inter-trade
patent/copyright
Labelling
- Storage/Collection**
(Barriers/Solutions)
Renting Storage /Electric vehicles/ transportation (reducing carbon)
- Market Place**
(Barriers/Solutions)
Regional / Inter-trade Relationships
- Consumer**
(Barriers/Solutions)

Large – Chilies (KENYA)

- Input (seeds)**
(Barriers/Solutions)
Low Carbon /Fertilization Management
- Farm**
(Barriers/Solutions)
Biofuels/ electric vehicles/ energy
- Processing**
(Barriers/Solutions)
SPS (Sanitary and Phytosanitary)
- Packaging**
(Barriers/Solutions)
International patent/copyright / sustainable/ labelling
- Storage/Collection**
(Barriers/Solutions)
Electric vehicles/ transportation – Reducing carbon
- Market Place**
(Barriers/Solutions)
Export / International Market
- Consumer**
(Barriers/Solutions)

AgriFund Domestic Supply Chain Management



Our approach to empowering women and the role of ISO Standards

Capacities

Developing transformation capacities:

- Collaboration
- Dialogue
- Systems thinking
- Foresight
- Coping with complexity

Relationships

Improving multiple relationships:

- Opening dialogue among opponents
- Weaving a network/ecosystem
- Building new partnerships and alliances
- Strengthening teams

Insights

Gaining system insights:

- Building systemic understanding
- Setting common goals and directions
- Informing strategies and policies
- Shifting mindsets and narratives
- Establishing new language
- Deepening public debate and awareness

Commitments

Empowering for new commitments:

- Generating commitment to actionable strategies
- Facilitating agreement on goals and directions
- New policies and rules

Actions

Increasing social innovation:

- Incubating experiments and innovations
- Accelerating collaborative actions
- Impactful system interventions

Capacities Relationships
Capacities Relationships Insights
Capacities Relationships Insights Commitments
Capacities Relationships Insights Commitments Actions

Thank you for listening

Capacities Relationships
Capacities Relationships Insights
Capacities Relationships Insights Commitments
Capacities Relationships Insights Commitments Actions