

# Wasonga Farm Pilot: Rural Dairy Hub

## Strategic Mission Brief & Charter (V4 - Comprehensive)

**The Vision:** To transition from a single production farm into a decentralized rural dairy hub serving 3,000+ households. This charter outlines the *critical infrastructure foundation* required to stabilize the system and stop high operational "leaks."

### Priority 1: Logistics & Transportation (Urgent Bottleneck)

Objective: End the KES 39,000/month hire cost and secure daily morning delivery windows.

1x Off-road Motorbike (Target: Honda/Kibo 250cc)	KES 245,000
1x Comprehensive Insurance (Annual: Theft, Fire, Accident)	KES 12,150
<b>Subtotal: Logistics Stabilization</b>	<b>KES 257,150</b>

*\*Projected Payback: Saved hire costs cover the asset in approx. 6.5 months.*

### Priority 2: Dairy Stabilization Kit (Food Safety & Storage)

Objective: Stop milk spoilage and ensure hygienic collection.

2x Heavy Duty Stainless Steel Cans (20L)	KES 32,000
3x Stainless Steel Milking Buckets (16L)	KES 27,000
1x Premium 300L Energy Efficient Chest Freezer	KES 75,000
<b>Subtotal: Dairy Hygiene</b>	<b>KES 134,000</b>

### Priority 3: Water & Plumbing Infrastructure

Objective: Eliminate manual water haulage labor and ensure herd health.

1x 5,000L Double Layer Water Tank (Loto)	KES 50,000
Guttering, Taps, and Professional Plumbing Labor	KES 20,000
Logistics and Transport for Equipment Delivery	KES 15,000
<b>Subtotal: Water Infrastructure</b>	<b>KES 85,000</b>

**TOTAL PILOT INVESTMENT: KES 476,150** (Approx. \$3,650 USD)

### Roles and Responsibilities

**Wasonga Nelson**  
*Operations Lead*

**Ickmar**  
*Volunteer Strategic Advisor*

Note: Ickmar assists as a volunteer advisor on systems design and digital strategy when capacity allows (asynchronous support).

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Wasonga Nelson

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Ickmar (Volunteer Advisor)

*"Designed for Homa Bay, documented for the world."*