

Business Overview: Integrated Beef Value Chain & Feedlot Operations

This overview synthesizes the strategic, operational, and financial pillars of the Nyamandlovu project, designed to scale into a nationwide powerhouse by 2031.

1. Concept & Strategic Intent

The venture is a **tech-enabled, vertically integrated livestock enterprise**. By merging intensive 90-day pen-fattening with a digital marketplace, we aim to dominate the Zimbabwean beef supply chain.

- **Primary Product:** "Super Grade" Beef (High-margin market).
- **Operational Hub:** Nyamandlovu, Matabeleland North (50km from Bulawayo).
- **Unique Selling Point:** Digitization (RFID/AI) + Vertical Integration (Farm-to-Fork).

2. The Operational Model

Our core methodology is a high-velocity **90-day fattening cycle** designed for maximum capital turnover.

Key Stages:

1. **Sourcing:** Acquisition of 250kg–300kg lean cattle via "Gate-Buy" apps or auctions.
2. **Digitization:** Immediate RFID tagging and registration in the **Registry**.
3. **Intensive Fattening:** Controlled feeding using on-site ground fodder to reach 450kg+.
4. **Offtake:** Sale to B2B wholesalers (abattoirs) or our own B2C retail brand.

3. Financial Snapshot (Pilot Phase)

The pilot requires a **\$44,000 USD** start-up investment for a 50-head unit.

	Metric	Value
1	Start-up Capital	\$44,000
2	ROI per 90-day Cycle	32%
3	Breakeven Point	Month 10 (Cycle 3)
4	Year 1 Net Profit	\$15,500

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Start-up Capital	\$44,000

Funding Strategy:

The preferred model for the 15-member board is the **Infra-Bank Split**. Shareholders fund the \$23k CAPEX (Hardware), which then acts as collateral for bank-funded OPEX (Software/Stock).

4. 5-Year Scaling Roadmap (2026–2031)

The transition moves from a single production hub to a decentralized national network.

- **Year 2:** Vertical integration with a **Retail Butchery** in Bulawayo and **Cold Room** installation.
- **Year 3:** Replication in **Gwanda & Gweru**; launch of the "Gate-Buy" mobile app for smallholders.
- **Year 4:** Entry into **Mashonaland** markets; launch of processed lines (Biltong/Leather).
- **Year 5: 5,000+ Head** under management across 10 hubs; potential **VFEX IPO**.

5. Risk & Sustainability Framework

The project is built to survive the volatility of the Zimbabwean market.

- **Climate Resilience:** 100% solar-powered boreholes.
- **Stock Security:** AI Geofencing and digital traceability via the DVS-integrated system.
- **Cost Control:** On-site milling reduces feed costs by **15–20%**.