

DETAILED BUDGET BREAKDOWN FOR THE AUTOMATED POULTRY MANAGEMENT SYSTEM FOR BATTERY CAGE SYSTEM

Total Funding Required: ₦200 million

Budget Allocation:

- Equipment Procurement and Installation: ₦120 million
 - This includes setting up a production line for the Automated Poultry Management System, acquiring necessary equipment, and tooling.
- Software Development and Integration: ₦40 million
 - This covers the cost of developing and integrating the system software, including testing and quality assurance.
- Marketing and Distribution: ₦30 million
 - This covers marketing and promotional expenses, distribution costs, and establishing a sales network.
- Working Capital and Staff Development: ₦10 million
 - This includes working capital for operational expenses, staff salaries, and development costs.

Production Costs:

- Battery Cage System + Automated Feeding + Watering + Egg Collection + Waste Management: ₦1,200,000 per unit
- Software Integration & Licensing: ₦200,000 per unit (amortized)
- Installation, Logistics & Marketing: ₦150,000 per unit (amortized)
- Total Production Cost: ₦1,550,000 per unit

Projected Revenue and Profit:

- Selling Price: ₦2,500,000 per unit
- Gross Margin: 38.71% (₦950,000 profit per unit)

- Projected Sales (Year 1): 200 units × ₦2,500,000 = ₦500,000,000

Here's a 3-year projected revenue and profit for the Automated Poultry Management System for Battery Cage System project:

Year 1:

- Projected Sales: 200 units × ₦2,500,000 = ₦500,000,000

- Total Production Cost: 200 units × ₦1,550,000 = ₦310,000,000

- Gross Profit: ₦500,000,000 - ₦310,000,000 = ₦190,000,000

- Net Profit: ₦190,000,000 - ₦10,000,000 (operating expenses) = ₦180,000,000

Year 2:

- Projected Sales: 300 units × ₦2,500,000 = ₦750,000,000

- Total Production Cost: 300 units × ₦1,550,000 = ₦465,000,000

- Gross Profit: ₦750,000,000 - ₦465,000,000 = ₦285,000,000

- Net Profit: ₦285,000,000 - ₦15,000,000 (operating expenses) = ₦270,000,000

Year 3:

- Projected Sales: 400 units × ₦2,500,000 = ₦1,000,000,000

- Total Production Cost: 400 units × ₦1,550,000 = ₦620,000,000

- Gross Profit: ₦1,000,000,000 - ₦620,000,000 = ₦380,000,000

- Net Profit: ₦380,000,000 - ₦20,000,000 (operating expenses) = ₦360,000,000

These projections are based on the assumption that the project will experience steady growth over the next three years, with increasing demand for the Automated Poultry Management System