Ministry of Investment,
industry and trade
of the Republic of Uzbekistan

# Investment proposal:
# Large-scale integrated poultry cluster

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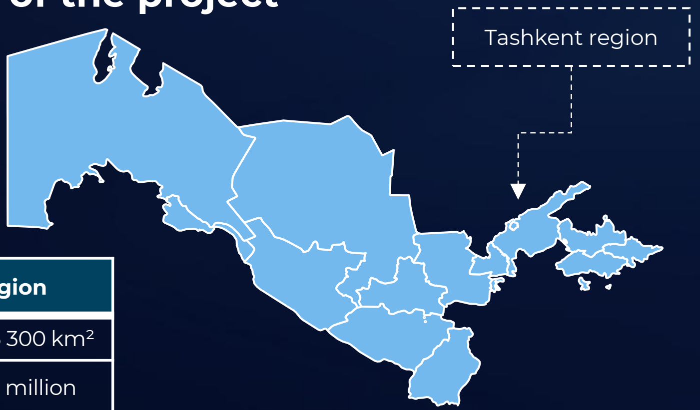
# Organization of a large-scale integrated poultry cluster

## Economic impact:
- New jobs 500+ (Poultry farm, processing plant, logistics);
- Reduces reliance on imported meat.

## Environmental impact:
- Organic fertilizer production: ~15 tons of poultry manure per day (5,500 tons per year), Possibility to reduce chemical fertilizers by 40%.

## Social impact:
- Creating new jobs;
- Improving the quality of life of the local population;
- Food safety and price stabilization.

## Location of the project




| Tashkent region | |
|---|---|
| Size | 15 300 km² |
| Population | 3,1 million |

## Project description:
**1.** Establish a 1,6 M bird per cycle farm;

**2.** Construct a state-of-the-art processing plant;

**3.** Develop export channels for frozen, halal, and processed poultry;

**4.** Annual production of 25,000 tons of broiler meat and 15,000 tons of processed products (sausages, nuggets) for the domestic market and export;

**5.** Implement waste-to-energy and circular economy practices.

## Economic indicators:
- **Financing: 80** mln USD
- **Area:** 50 hectares
- **Revenue:** $60 million/year
- **ROI:** 39%
- **NPV:** ~ $30,9 million
- **IRR:** ~29,7%

## Production indicators:
- Number of chicken: 10 mln birds/year
- Cycles: 1,6 mln/cycle x 6 cycles
- Raw meat (40%): 5 tons meat
- Processed products (60%): 7,5 tons sausage

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# Process of productions

### Bringing chicks

Annual: 9 750 000
Per cycle: 1 625 000

### 40-45 days cultivation process

Overall: 4 farms
Per farm: 500 000

### Preparation for consumption

Overall: 20 000 tons
Per chicken: 2,1 kg

### Delivering to markets

Raw meat: 5 000 tons
Sausages: 7 500 tons

### Production of chicken feed

We provide our farms with chicken feed

### Production of sausages


Overall: 15 000 tons
Sausages: 7 500 tons


It is planned that our products will be aimed not only at the domestic market, but also at the foreign markets (export).

**Potential foreign markets:**


Russia


Kazakhstan


USA

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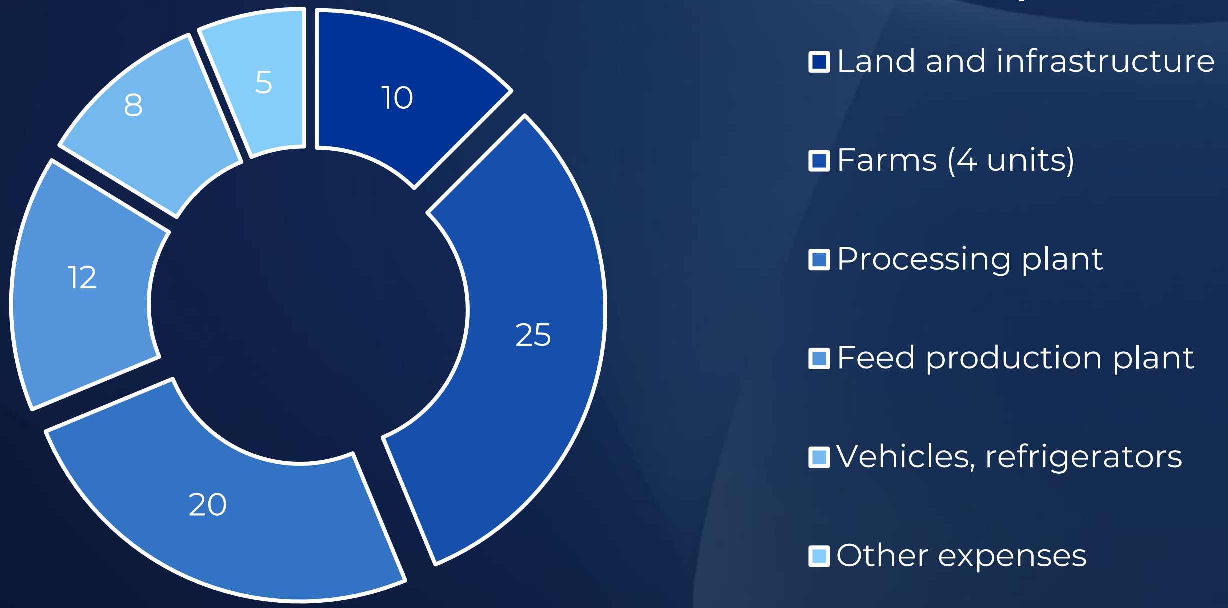
# Project expenses

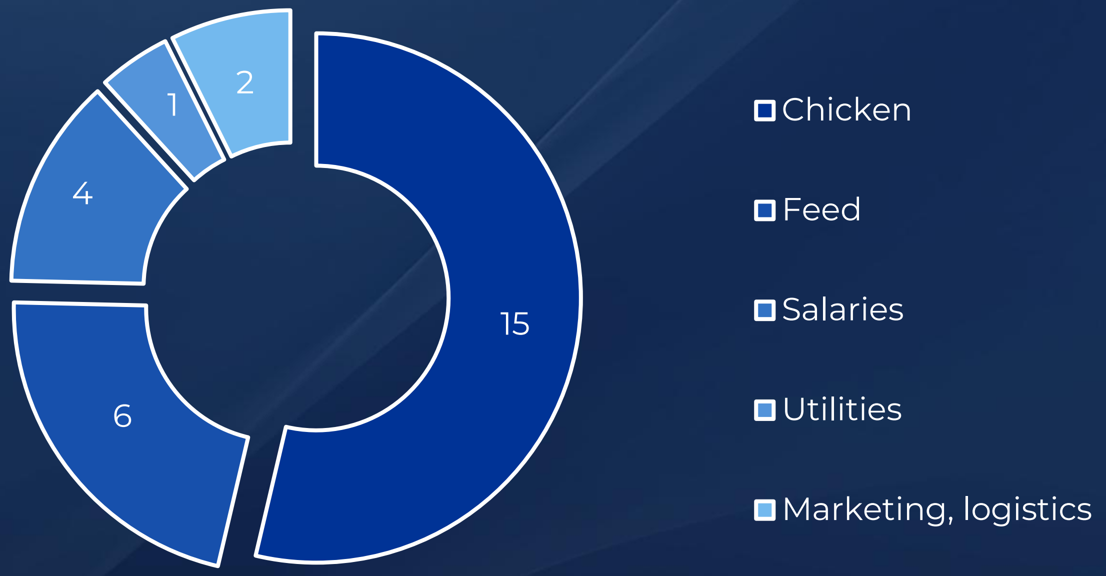
## Initial Investment (CAPEX) *(mln dollar)*

Total CAPEX: **$120 mln**




## Operating Costs (OPEX) *(mln dollar)*

Total OPEX: **$28 mln**




This financial overview outlines a comprehensive cost structure and strong profitability of the proposed project. The breakdown includes both initial capital investment (CAPEX) and annual operating costs (OPEX), alongside projected revenue and profit estimates.

| **Product name** | **Volume** | **Price** | **Amount (mln $)** |
|---|---|---|---|
| Fresh meat | 5 000 t | $3,5/kg | $17,5 |
| Processed products | 7 500 t | $5/kg | $37,5 |
| By-products | | | $3 |
| **TOTAL** | | | **$58 000 000** |

**Annual EBITDA:**

= $58 mln - $27,15 mln = **$30,85mln**

The project demonstrates high profitability, strong market demand, and a diversified product base, positioning it as a highly attractive investment opportunity.

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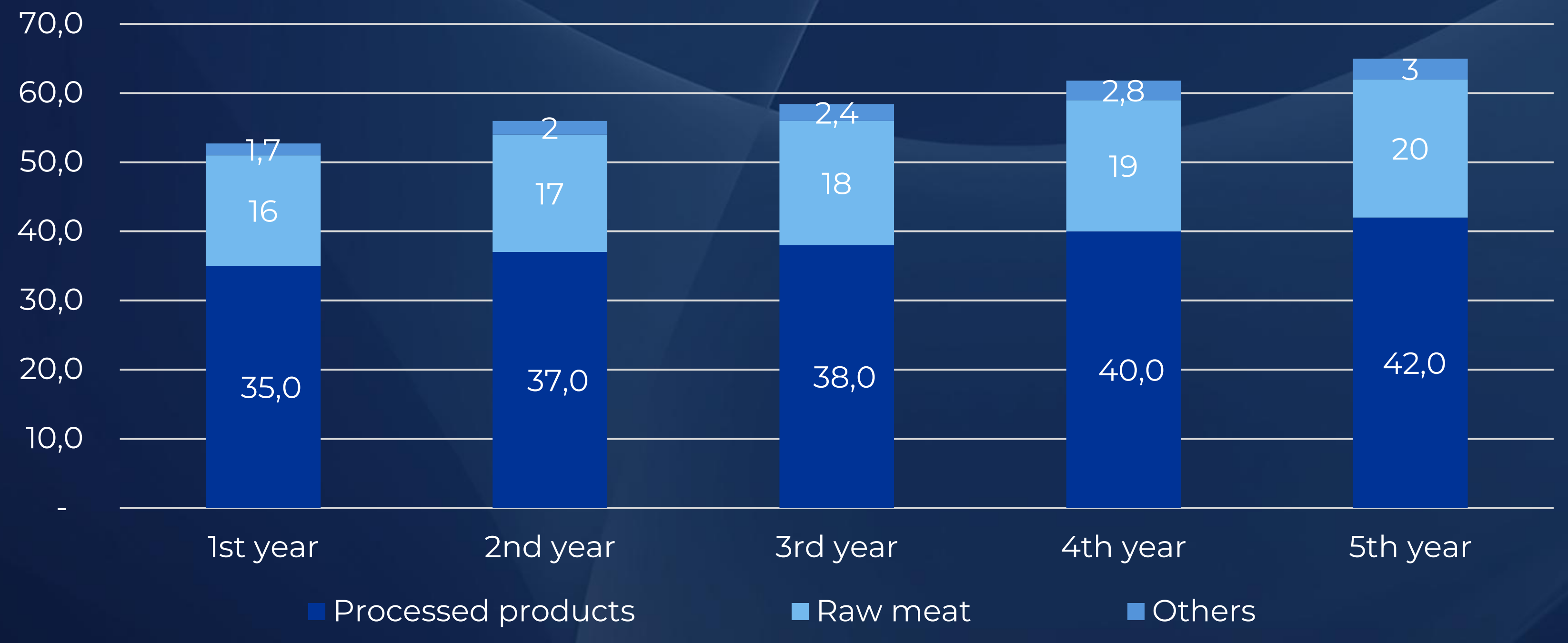
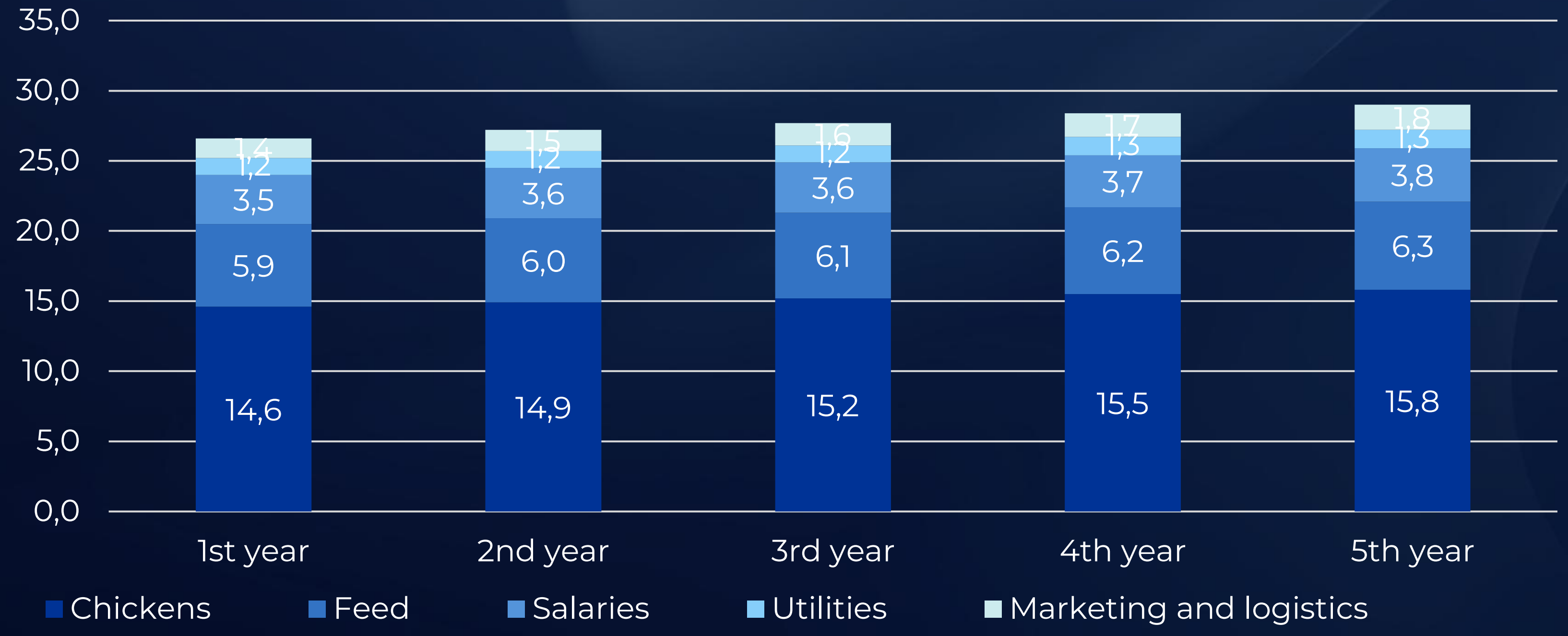
# Financial indicators

*(5-year projection)*

## Revenues *(mln dollars)*




## Operating expenses *(mln dollars)*




**Revenues** increase steadily from $52.7M in year 1 to $65.0M in year 5. Growth is driven by all products.

**Total expenses** rise moderately from $26.6M to $29.1M, with feed being the largest cost component. The controlled growth in costs reflects operational efficiency and economies of scale.

**Net profit grows** from approximately $19.3M to over $28M over 5 years. Despite rising taxes and expenses, profitability improves due to stronger revenue and efficient cost management.

**NPV (15% discount rate):**

NPV = -80 + 18,2 + 20,4 + 21,9 + 24,1 + 26,2 = 30,9 (Highly favorable!)

**IRR (Internal rate of return):** ≈ 29,7%

**Payback period (PP):**

=Payback = 4-5 years

**Profitability index (PI):**

=PI = 110,9 / 80,000 = 1.38