DAIRY & POULTRY PRODUCTION IN ZAMBIA

AN OVERVIEW
Outline

PART A – DAIRY INDUSTRY IN ZAMBIA

• INTRODUCTION

• OVERVIEW OF THE DAIRY SECTOR

• CHALLENGES

• ONGOING GOVERNMENT INTERVENTIONS

• FUTURE OUTLOOK
PART A

DAIRY PRODUCTION
The dairy industry in Zambia is one of the major livestock subsector & the fastest growing.

Commercial farmers are low in number but produce the bulk of the milk that goes into production.

Smallholders dairy farmers are more in number but have low productivity.

The industry has grown over the last twenty years to a sustainable level.
Annual per capita milk consumption is estimated at twenty kilograms.

Value addition not so widely done.

Value addition not so widely done.
Overview of the sector

• DAZ estimates 5,000 smallholder farmers are supplying milk through (MXXσ).

• There are over 60 MCC countrywide

• Smallholder Dairy Farmers produce indigenous 1.5-2 litres, cross 8-15 litres, pure above 25 litres/cow/day

• Commercial farmers produce above 20 litres per cow per day
• Production has increased from 306 metric litres (2011) to 786 metric litres (2016) as shown in the table
<table>
<thead>
<tr>
<th>Year</th>
<th>Milk Production in Metric Litres</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>215,000</td>
</tr>
<tr>
<td>2011</td>
<td>306,000</td>
</tr>
<tr>
<td>2012</td>
<td>370,000</td>
</tr>
<tr>
<td>2013</td>
<td>452,000</td>
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<tr>
<td>2014</td>
<td>463,020</td>
</tr>
<tr>
<td>2015</td>
<td>524,000</td>
</tr>
<tr>
<td>2016</td>
<td>786,000</td>
</tr>
</tbody>
</table>
MILK PRODUCTION IN ZAMBIA

YEARS


METRIC LITRES

160,881  170,000  215,000  306,000  370,000  452,000  463,000  524,000
Challenges

- Seasonality with 100% variation in milk production between the wet and dry seasons.
- Low price of raw milk
- High production costs
- Disease prevalence
- ZESCO power outages
- High cost of feed and other associated.
Challenges

• Scarcity of feed and feed resources.

• Poor feed management techniques.

• Poor market network – need for MCC in remote areas.
Interventions

• Construction of A.I centres countrywide
• Establishment of pasture field countrywide
• Planned construction of Liquid Nitrogen Plant
• Continued construction of MCC
• Employing of L.A to strengthen
Future Outlook

• The industry is anticipated to continue growing over the next five years and be a source of many employment opportunities.

• Projected production output are as below:
  - 2017 1,179 Metric Tonnes
  - 2018 1,886 Metric Tonnes
  - 2019 3,206 Metric Tonnes
  - 2020 5,772 Metric Tonnes
  - 2021 11,487 Metric Tonnes
Outline

PART B – POULTRY INDUSTRY IN ZAMBIA

• INTRODUCTION – POULTRY INDUSTRY

• OVERVIEW OF THE POULTRY SECTOR

• CHALLENGES

• ONGOING GOVERNMENT INTERVENTIONS

• FUTURE OUTLOOK
Introduction - Poultry

• Zambia's poultry sector accounts for 4.8% of agriculture gross domestic product.

• It has a 48% share of the livestock sector.

• The poultry industry has been consistently growing since 2000 at annual rates of 8% and 10%.
Overview of the Sector

• There are two types of poultry producers i.e. primary and secondary producers

• The major supplier of inputs is Livestock Services (a one-stop-shop for inputs and feed).

• Πουλτρψ προδυχτιον εξχεδεδ 1 βιλιλιον εγγσ χν 2016.
Overview of the Sector

- Egg consumption per capita is 66 eggs (PAZ estimate)

- Broiler meat consumption per capita is 5.0kg (PAZ estimate)

- Α τοταλ οφ 73 μιλλιον βροιλερσ ωερε προδυχεδ.
Challenges

- Low price of eggs and broilers
- High production costs
- Disease prevalence
- ZESCO power outages
- High cost of feed and other associated inputs
Interventions

• Stocking and restocking programmes

• Matching grants provision

• Construction of poultry breeding centre in Chongwe district completed

• Εμπλοψινγ οφ Λ.Α το στρενγτηεν εξενσιον δελιωρψ
Future Outlook

Προφεχτέδ ουτπυτ φορ της πουλτρψ σεχτορ

<table>
<thead>
<tr>
<th></th>
<th>2016</th>
<th>2017</th>
<th>2018</th>
<th>2019</th>
</tr>
</thead>
<tbody>
<tr>
<td>Poultry (Million)</td>
<td>212</td>
<td>266</td>
<td>340</td>
<td>446</td>
</tr>
<tr>
<td>Broilers (Million)</td>
<td>85</td>
<td>93</td>
<td>99</td>
<td>107</td>
</tr>
<tr>
<td>Eggs (Billion)</td>
<td>1.27</td>
<td>1.39</td>
<td>1.54</td>
<td>1.69</td>
</tr>
<tr>
<td>Meat (Million Kg)</td>
<td>153</td>
<td>167</td>
<td>178</td>
<td>193</td>
</tr>
</tbody>
</table>
Regulations

- Animal Health Act
- Veterinary and Para Veterinary Act
- Dairy Development Act
- Animal Identification and Traceability Act
Business Environment

• The business environment in Zambia is very conducive

• Several foreign enterprises have been established

• Political Stability
Business opportunities

• There are several enterprises that can be ventured into. Some of these include:

1. Feed manufacturing
2. Provision of milk tanks and milking cans
3. A.I services
4. Liquid Nitrogen production
5. Short term training in poultry and dairy for farmers and members of staff
6. Processing for both poultry and
THE END