ANIMAL HUSBANDRY

Annual Plan Roll out Workshop 2018-19

17/4/18 Venue: GIFT
Outline

- Kerala Chicken Project
  - Breeder Unit
  - Hatchery
  - Broiler Farm
  - Abattoir
  - Blast Freezer
  - Cold Store
  - Sales Unit
  - Rendering Plant
  - Feed Supplier
  - Beneficiaries
  - Implementing strategy
  - Fund needed
  - Monthly Profit per year
  - Fund Allocation

- Ksheerasagaram
- Aadugramam
- Fodder cultivation-Pilot project
- ABC
- Pet Care Shop
- Fund Source
KERALA CHICKEN PROJECT
Breeder Unit

- Broiler breeder farms raise parent birds, both male and female which produce fertilized eggs.
- Three Parent stock Farms, each having 14000 birds will be established in preferably northern, middle and southern regions of Kerala.

Aim

- Production of hatching eggs at very low price (cost of Production of each egg= Rs12)
- Can reduce the cost of day old broiler chicks to around Rs.20
- Ensures sustainable supply of chicks to kerala Chicken Farms
Breeder Unit (cont…)

Time Line
- April 2018 (data Collection) - December 2018 (Supply of Hatching eggs)

Funding Strategy
CFC investment of 350 lakhs per each farm
Hatchery

- A hatchery is a facility where eggs are hatched under artificial conditions.
- 7 Hatcheries each with 45000 eggs/21 D capacity.

Aim

- Can provide chicks at reasonable rate to farms (@ Rs22)
- Can ensure healthy and quality chick supply

Time Line

- April 2018- January 2019 (commencing supply of chicks)

Funding Strategy: Innovation fund of 2 lakhs each
Broiler Farms

- 500 broiler farms each with 1000 birds capacity

**Aim**
- Ensure good quality chicken
- Good income for broiler rearing kudumbashree members

**Time Line**
- April 2018- February 2019 (Starting lifting of broiler)

**Funding Strategy**
- subsidy of 0.5 lakhs each
Abattoir

- Facility where animals are slaughtered for consumption as food
- Three Abattoirs each with 4000 birds/day capacity (500 birds per hour)

Aim

- To ensure scientific and hygienic processing of chicken
- Essential to meet the processing of 12000 birds/day

Timeline

- April 2018- February 2019 (commencing slaughter)

Funding Strategy

- CFC investment of 100 lakhs each
Blast Freezer

- Specialized category of freezer used to preserve food at a very low temperature to prevent the growth of microorganisms.
- Reduce temperature of a food from 65 to -40 degree Celcius in less than 4 hours
- 3 blast freezer units each with 4 MT/day capacity

Aim

- For safe and hygienic storage of processed chicken (Processed 12000 birds may not be sold in a single day)
- Inhibits microbe growth and ensures 100% food safety
Blast Freezer (contd...) 

Timeline

- April 2018- February 2019 (commensing freezing)

Funding Strategy

- Innovation fund of 10 lakhs each
Cold Store

- Artificially cooled building or room where food can be preserved at -18 degree celcius
- 14 cold stores each with 100 MT capacity

Aim
- To market chicken in more acceptable form to public - less demand for frozen chicken
- To ensure meat hygiene and quality

Timeline
- April 2018 - February 2019 (commercial storage)

Funding Strategy
- Innovation fund of 3.5 lakhs each
Sales unit

- Markets-well packed branded kerala chicken
- Establish 28 new sales outlets each with 1.5MT capacity at CDS level

Aim
- Kerala chicken outlet for selling branded chicken
- Ensure continuous market for farms

Timeline
- April 2018- February 2019 (commercial sales)

Funding Strategy
- Innovation fund of 3.5 lakhs each
Rendering Plant

- Rendering process that converts waste animal tissue into useful materials like tallow, grease and high-protein meat and bone meal.
- 3 dry rendering plants (each-4 MT/day capacity)

Aim

- Efficient and scientific way of waste management
- Solution to social issue as well as good income generation
Rendering Plant (contd...)

Timeline

- April 2018- February 2019 (commencing Rendering)

Funding Strategy

- CFC investment of 50 lakhs each
Feed supplier Unit

- Large quantity of feed procured at a common warehouse and distributed to Kerala chicken farm units
- Implementation through ME Units

**Aim**

- Feed availability at subsidised rate to farms
- Ensure good quality feed
- Reduced cost of production
## Beneficiaries

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Unit</th>
<th>Selection Criteria</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Breeder Unit</td>
<td>Beneficiaries having the potential to maintain the farm. DMT will select the team as per the guidelines of state Mission</td>
</tr>
<tr>
<td>2</td>
<td>Hatchery</td>
<td>ME units selected by the District Mission</td>
</tr>
<tr>
<td>3</td>
<td>Broiler Farm</td>
<td>Farmers having the capacity to run farms</td>
</tr>
<tr>
<td>4</td>
<td>Abattoir</td>
<td>Beneficiaries having the potential to maintain the Abattoir. DMT will select the team as per the guidelines of state Mission</td>
</tr>
<tr>
<td>5</td>
<td>Blast Freezer</td>
<td>ME Units</td>
</tr>
<tr>
<td>6</td>
<td>Cold Store</td>
<td>ME Unit</td>
</tr>
<tr>
<td>7</td>
<td>Sales Unit</td>
<td>ME Unit formed by the CDS</td>
</tr>
<tr>
<td>8</td>
<td>Rendering Plant</td>
<td>Beneficiaries having the potential to maintain the plant. DMT will select the team as per the guidelines of state Mission.</td>
</tr>
<tr>
<td>9</td>
<td>Feed Supplier</td>
<td>ME units</td>
</tr>
</tbody>
</table>
## Implementing Strategy

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Module</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Breeder Unit</td>
<td>Breeder farms will be established in three districts</td>
</tr>
<tr>
<td>2</td>
<td>Hatchery</td>
<td>Use the existing spaces. Implement through ME Units</td>
</tr>
<tr>
<td>3</td>
<td>Broiler Farm</td>
<td>Forming at grassroots. 1000 Chicks / Unit</td>
</tr>
<tr>
<td>4</td>
<td>Abattoir</td>
<td>Three Abattoirs each with 4000 birds/day capacity will be established</td>
</tr>
<tr>
<td>5</td>
<td>Blast Freezer</td>
<td>3 blast freezer units each with 6 MT/day capacity will be established</td>
</tr>
<tr>
<td>6</td>
<td>Cold Store</td>
<td>14 cold stores each with 100 MT capacity will be established</td>
</tr>
<tr>
<td>7</td>
<td>Sales Unit</td>
<td>Establish new outlets at CDS level. Fund will give to CDS and CDS can rent out the same to a ME unit.</td>
</tr>
<tr>
<td>8</td>
<td>Rendering Plant</td>
<td>Use the fallow land available in government farms</td>
</tr>
<tr>
<td>9</td>
<td>Feed Supplier</td>
<td>Implement through ME Units</td>
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## Fund Needed

<table>
<thead>
<tr>
<th>SI No</th>
<th>Particulars</th>
<th>Amount/unit (Amt inLakhs)</th>
<th>Total Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Breeder Unit</td>
<td>350</td>
<td>1050</td>
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<tr>
<td>2</td>
<td>Hatchery</td>
<td>2</td>
<td>14</td>
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<tr>
<td>3</td>
<td>Broiler Farm</td>
<td>0.5</td>
<td>250</td>
</tr>
<tr>
<td>4</td>
<td>Abattoir</td>
<td>100</td>
<td>300</td>
</tr>
<tr>
<td>5</td>
<td>Blast Freezer</td>
<td>10</td>
<td>30</td>
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<td>6</td>
<td>Cold Store</td>
<td>3.5</td>
<td>49</td>
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<tr>
<td>7</td>
<td>Sales Unit</td>
<td>3.5</td>
<td>70</td>
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<tr>
<td>8</td>
<td>Rendering Plant</td>
<td>50</td>
<td>150</td>
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<td>9</td>
<td>Producer company</td>
<td>7</td>
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## Monthly Profit per Unit

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Activity</th>
<th>Amount in Lakhs</th>
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<tbody>
<tr>
<td>1</td>
<td>Breeder Unit</td>
<td>4.83</td>
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<tr>
<td>2</td>
<td>Hatchery</td>
<td>3.52</td>
</tr>
<tr>
<td>3</td>
<td>Broiler Farm</td>
<td>0.25</td>
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<tr>
<td>4</td>
<td>Abattoir</td>
<td>4.68</td>
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<tr>
<td>5</td>
<td>Blast Freezer</td>
<td>1.56</td>
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<tr>
<td>6</td>
<td>Cold Store</td>
<td>3.90</td>
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<tr>
<td>7</td>
<td>Sales Unit</td>
<td>6.24</td>
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<tr>
<td>8</td>
<td>Rendering Plant</td>
<td>6.69</td>
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<tr>
<td>9</td>
<td>Feed Supplier</td>
<td>3.68</td>
</tr>
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## Fund Allocation

<table>
<thead>
<tr>
<th>Sl No</th>
<th>Source of fund</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Breeder Unit: MKSP Fund</td>
</tr>
<tr>
<td>2</td>
<td>Hatchery: ME Innovation Fund</td>
</tr>
<tr>
<td>3</td>
<td>Broiler Farm: Subsidy from Mission – Plan Fund</td>
</tr>
<tr>
<td>4</td>
<td>Abattoir: MKSP - CFC fund to CDS</td>
</tr>
<tr>
<td>5</td>
<td>Blast Freezer: MKSP - CFC fund to CDS</td>
</tr>
<tr>
<td>6</td>
<td>Cold Store: ME Innovation Fund + Beneficiary Contribution</td>
</tr>
<tr>
<td>7</td>
<td>Sales Unit: ME Innovation Fund + Beneficiary Contribution</td>
</tr>
<tr>
<td>8</td>
<td>Rendering Plant: MKSP Value Chain- CFC to CDS</td>
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<tr>
<td>9</td>
<td>Feed Supplier: Innovation fund</td>
</tr>
</tbody>
</table>
Ksheera Sagaram

Aim

- Ensure good income to 1000 households (200 groups) through cow rearing

Timeline

- April 2018-February 2019

Budget

- Training cost @ Rs. 1000/ person for 1000 nos
- Subsidy to 200 Groups @ Rs. 2,18,750/group

Total : 4.475 Crores
Aadugramam

Aim
- Ensure good income to 1000 households through Goat

Budget
- Subsidy to 200 Groups @ Rs. 50000/group
- Training cost @ Rs. 1000/person for 1000 nos

Total: 1.1 crores
Fodder cultivation Pilot Project

Aim

- Establish 100 groups for fodder cultivation units in 100 Ar. of land in two districts (50 ar/district)

Budget

- Training cost @ the rate of Rs. 150/ Beneficiary to 200 nos
- Total : 0.003 Crores
Aim
- To solve a major social issue
- Source of income to Kudumbashree members

Budget
- Start up fund to ME units: Rs. 50,000 each
- Training to 150 groups
Pet Care Shop

- Pet shop cum pet hostel at 6 corporations in kerala
- Also provide facilities for breeding of pets

**Aim**
- Ensure monthly income to 6 NHG members

**Budget**
- Training cost @ Rs. 2500/person to 6 Nos.: 15000
- Start up fund @ Rs. 50000/group to 6 Groups: 3,00,000
Total: 0.03 Crores
## Fund Sources

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount (in crores)</th>
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<tr>
<td>State Plan Fund</td>
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<td>MKSP</td>
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<tr>
<td>NRLM</td>
<td>5.5</td>
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</tbody>
</table>
Thank You