



COMMON FACILITY CENTER

Fruits, Vegetables & Spices Processing at Laharipam, Goroimari, Morigaon

Present Scenario of Fruits, Vegetables and Spices Value Chain in Morigaon

Production



Production:
230645 MT per year
 Fruits: Banana, pineapple, turmeric, ginger, black pepper, papaya, watermelon, coconut, chilies, assam lemon, pumpkin
 Highest Production in banana at 79350 MT per year

Processing



Fruits and Vegetables: 85 enterprises
 Spices: 18 enterprises
 Average capacity:
 Fruits and Vegetables: 1 quintal/ day
 Spices: 1 ton/ day

Investment



Average investment:
 Fruits and Vegetables: INR 6 lakhs
 Spices: INR 14 lakhs

Turnover



Average Turnover: Fruits and Vegetables: INR 8 lakhs
 Spices: INR 90 lakhs

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Gaps in the Fruits, Vegetables and Spices processing sector in Morigaon

Technology



- Manual Production
- Sun Drying
- Lack of product standardization
- Preservatives not added in Right quantity
- Traditional Machines for Processing
- Manual Packaging

Individual Intervention:
 Capacity Enhancement and Technology upgradation, Hand tool's
Cluster level: Bulk Storage facility with cooling chamber's, filling and packing facility, impact grinder for spices

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Procurement



- Raw Material Locally Procured
- Dependent on Local Trader's
- Packaging Material sourced from Guwahati (BSB)
- Transportation charges are high

Spices and F&V

Group Intervention:
 Joint procurement of Preservatives, hand tools(Cutter's, Utensil's) and consumables. Bulk procurement for quality packaging material

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Marketing



- Lack of access to organized market (Retail Outlets, Distributors, Wholesalers etc.)
- No linkage of these enterprises with the e-commerce services providers.
- No standard channel of distribution is used for marketing of products

Group level Intervention: Marketing Consortia for Institutional buyer's (Hospital's, Saguna feed, Tata Chemical's)
 Common Branding with FSSAI Certification

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Financial



- Micro unit Resort to informal financing from local money lender's
- Lack of documents and certification with micro units for availing loan from formal sources
- Lack of knowledge about maintaining "Books of Accounts".
- Lack of awareness for compliance and documentation
- Limited access of formal finance

Individual level Intervention:
 Linkages with banks for working capital loan(PNB, NESFB, AGVB, Canara)

Group level Intervention:
 Hiring of BDS service provide for Financial Compliance

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Common Facility Centre offers:

Facilities in terms of training, packaging, and basic testing activities – it will help cluster firms to tap local, regional national and global demand premium quality of spices and pickles. The CFC is envisaged as one that will facilitate competitive orientation of cluster firms and help them offer quality products competitively. There is scope for directly accessing growing demand of PET bottles in the cluster and nearby districts such as Nogaon, Kamrup and Nalbari. The major products that are processed in the cluster are pickles (mixed, mango, chili and Bamboo shoots). The spices include turmeric, chili, cumin seed powder. Apart from these, jam, jelly and sauces are also processed and marketed in the district.

CFC would serve:

- ❖ Facilitating cluster firms to progressively cater to Pickle and Spice market segments and expand product and market mix.
- ❖ Enhancing manpower skill development and upgrading facilities.
- ❖ Ensuring competitive market orientation of cluster firms
- ❖ Enabling higher quality cost competitiveness particularly vis-à-vis packaging quality and establishment of premium Pickle and Spice markets
- ❖ Add value to services and products offered by cluster firms.
- ❖ Increasing capacity utilization of firms through expanding the market and in turn contributing to additional employment generation in the state.



Implementing Mechanism - Formation of Special Purpose Vehicle (SPV)

The project is to be implemented on public-private partnership scheme through an SPV M/s “Morigaon Integrated Fruits and Vegetables Industry Pvt. Ltd.” The entity is incorporated under the Companies Act, 1956 with 35 shareholders (mainly from the F&V processing sector) and with an authorized capital of Rs.63.31 lakhs. The SPV invested 20% of equity capital and have received 80% grant from the APART Project of Govt. of Assam.

Support received from APART for the CFC:

- Land and site development
- Building and Civil works
- Warehouse
- Utility provisions
- Plant, machinery and equipment
- Water Supply
- DG Set
- Independent Transformer
- Miscellaneous fixed assets such as furniture and fittings





Machinery interventions in the CFC

- PET Bottles processing unit with 800 bottles per hour capacity (2 no) with mold size from 100, 200, 250, 500 and 100 gm/ml
- Pouch filling sealing machine (2 no) for paste type pickle individual (Mechanical Type) - 2 to 10 gm, and 50 to 100 gm
- Jar filling & induction sealing - manual types 100-250 gm (4 no)
- Standee Pouch Manual Filling & Bench Sealing: semi-automatic (4 no).
- Cutting, packaging, table & stool etc.
- Grinder machine 2 sets with a production capacity of 60 kgs per hour
- SS table for packaging
- Impact Pulverizer / Grinder of - 200 kg/hour (3 no), and 60 kg/hour (2 no)
- For spices pouch filling and Sealing machine of - 2 to 10 gm (2 no) and 50, 100 & 250 gm (2 no)
- Cold storage: 10 MT capacity.
- Testing Lab with Basic Testing Equipment's for Testing of Fruit & Spices

Project Benefits:

- This turnover is expected to rise at least by 30% after operationalization of the CFC.
- The envisaged common facility will help existing firms move up the value-chain; help expand product and market mix (better standardized products, better packaging, Value Addition).
- Enable increase in employment by at least about 200 persons directly; train manpower to the tune of at least 350 persons in 5 years.
- Profit margins may double from 10% to 20%.
- Some of the larger firms could invest in related (envisaged CFC) equipment through demonstration effect of the project helping up-scale impact.



Project Cost

1	Contribution of SPV (20 % of project cost)	Rs. 63.31 Lakhs
2	Grant-in-aid from the APART (80 % of project cost)	Rs. 253.23 Lakhs
Total		Rs. 316.54 Lakhs

Project Coordination Unit (PCU):

ARIAS Society, Krishi Bhavan, Khanapara
Guwahati - 22, Assam

Operational Project Implementation Unit (OPIU):

Commissionerate of Industries & Commerce - Govt of
Assam
Udyog Bhavan, Bamunimadam, Guwahati - 21, Assam

Contact Details of CFC:

Imran Shah, Board of Director, Ph.+91-86381-56630

Krishna Devi Pator, Board of Director,
Ph.+91014-14921

NAME AND ADDRESS OF THE UNIT

M/s **MORIGAON INTEGRATED FRUITS AND
VEGETABLES INDUSTRY PVT. LTD.**
LAHARIPAM, GOROIMARI, MORIGAON::ASSAM-782104

Description of Consent Authorization	Details
Consent to establish (CTE)	No.-PCBA/LGL-95/2021 DATE OF ISSUE-11-11-2021
Consent to operate (CTO)	No.-NA DATE OF VALIDITY-
Authorization under Hazardous & other waste.(Management & Trans Boundary Movement) Rules-2016. (if applicable)	No. DATE OF ISSUE- DATE OF VALIDITY-

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