

SHINING
THE FOOD
FOR FUTURE



FARMATE
PROCESSED FRUIT
CLUSTER FOUNDATION



Who are we

FARMATE PROCESSED FRUIT CLUSTER FOUNDATION, a company incorporated under the Companies Act, 1956 and having its registered office at Gut No 226, At Post Anvi Tq SILLOD - 431112, Dist. Chhatrapati Sambhaji Nagar (Aurangabad) Maharashtra. Born in 2020 we are rethinking agri food supply chain for 21st century. We use digital technology and common infrastructure facilities to transform the agri food supply chain management system.

What are we doing

Post-harvest losses in agriculture in India cannot be addressed solely through technology. It is important to recognize that the primary issue lies in inadequate infrastructure rather than the absence of technology, While technology can enable and enhance solutions, it should be deployed in conjunction with efforts to improve infrastructure rather than being seen as a standalone remedy for the issue.



FARMATE
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Our Mission

By definition, a “transformation” is the process of a complete change, not an incremental Modifications This means technology upgrades / add-ons, technology migrations, process improvements, and even re-orgs aren't “transformative.” To be truly successful, you need to completely reinvent yourself inside and out. The right people, processes, and technologies all need to be in place and work together to ensure key decisions and actions are strongly influenced by the right data at the right time.



Our Services

NAME OF CLUSTER
FOOD PROCESSING (FRUIT) CLUSTER

NAME OF SPV
M/S FARMATE PROCESSED FRUIT CLUSTER FOUNDATION



Institution



**Incubation & Skill
Development Center**



**Enterprise Development
Center (EDC)**



**Export Facilitation
Center (EFC)**



**Certification
Center**



Pack House



Pre Cooling



Ripening Chamber



Cold Storage



**Value Addition
[RTE]**



Lab Test



**Packaging
Center**



Core Processing Facilities

EXPORT FACILITATION CENTRE FOR GRAINS, PULSES, OIL SEEDS AND COTTON BALES

Dry
warehouses

Capacity : **15000 MT**

Cleaning Grading & Packaging
of Grains along with Sortex

Capacity : **150 MT / Day**

Cleaning Grading & Packaging
of Grains along with Sortex

Capacity : **40 MT/Day**

Flour Manufacturing,

Capacity : **15 MT/Day**

Edible Oil Manufacturing

Capacity : **1000 Liter/Day**

Dal Manufacturing

Capacity : **15 MT /Day**

Gut No 345/1 , Jalgaon Road, SILLOD - 431112, Dist. Chh. Sambhajinagar (Maharashtra)



Seaport Connectivity
400 KM
Sea port



Highway Connectivity
45 KM Away from
Sammrudhi Highway



ICD Connectivity
80 KM Away from Inland
Container Depo (ICD)

Non Core Infrastructure



Institution



**Incubation & Skill
Development Center**



**Certification
Center**



**Export Facilitation
Center (EFC)**



**Enterprise Development
Center (EDC)**



**Packaging
Center**

Core Processing Facilities

EXPORT FACILITATION CENTRE FOR FRUITS & VEGETABLES & VALUE-ADDED PRODUCTS

Packhouse Activity for Fresh Fruits Vegetables including packaging & Certification

Capacity : **150 MT**

Dehydration of Fruits and Vegetable

Capacity : **40 MT/Day (Input)**

Instant Quick Freezing (Tunnel Freezer)

Capacity : **1.8 MT /Hour**

Vacuum Frying

Capacity : **0.250 MT / Batch**
2.500 MT/ Day

Freeze Drying

Capacity : **1.6 MT /Day**

Pomegranate Aril Extraction & Cup Manufacturing

Capacity : **7.5 MT/Day (Input)**

Blast Freezing

Capacity : **5 MT / Batch**

Precooling

Capacity : **100 MT**

Ripening

Capacity : **100 MT**

Frozen Storage

Capacity : **1750 MT**

Gut No 226, At post Anvi , Tq. SILLOD - 431112, Dist Chhatrapati Sambhajnagar (Maharashtra)



Rail Connectivity

90 KM from Bhusawal Junction
60 KM from Chh. Sambhajnagar



Air Connectivity

Chh. Sambhajnagar airport is at a distance of 60 km from the site and Mumbai International airport is at a distance of 400km.



Dryport Connectivity

70 KM from Dry Port



Our Members

Sr. No.	Name of Unit / Farmer Producer Company	Sector	Address	Proposed Activities
1	Pishor aakashagro Farmer producer co ltd	Agriculture & Animal Husbandry	At Post Pishor, Tq. KANNAD Dist. Chh. Sambhajinagar Maharashtra - 431112	A-2 Milk processing, Animal feed manufacturing, Silegae Manufacturing, Grains & Pulses processing & Packging, Organic farming, Breed Development
2	Pendgaon Aakashagro farmer producer Co Ltd		At Post Pendgaon, Tq. SILLOD, Dist. Chh. Sambhajinagar Maharashtra - 431112	
3	Krishiparv pragat shetkari producer co Ltd	Food Processing	At Post Walsa Dawargaon, Tq. Bhokardan, Dist. Jalna Maharashtra - 431114	Grain Packaging, Flour manufacturing, Edible oil manufacturing, Pulses manufacturing
4	Spicepro Agro Farmer Producer Co Ltd	Food Processing	At Post Anvi, Tq. SILLOD Dist. Chh. Sambhajinagar Maharashtra - 431112	Spices Ginger & Green chilli processing
5	Farmate processed fruit cluster foundation	Food Processing	At Post Anvi, Tq. SILLOD Dist. Chh. Sambhajinagar Maharashtra - 431112	Multifunctional processing facilities along with certification and enterprise development center, export facilitation center and certification center
6	Aakash Agro Farmer producer Co Ltd	Food Processing	A/p sillod Tq SILLOD Dist. Aurangabad	All types of seeds (Onion, Wheat, Gram, Soyabean) & Grains processing packaging, Fruits & Veg. processing
7	Kanishq Farmer Producer Company Limited	Food Processing	At Aashiv, Tq Ausa, Dist. Latur - Maharashtra	Red gram & Green gram processing cluster
8	Divine International Foundation	Food Processing	A/p Haridwar Block, Haridwar, Dist. Haridwar (Uttarakhand)	Seed production of wheat & paddy
9	Jay Rana Agro Farmer Producer Co Ltd	Agriculture & Animal Husbandry	A/p Kerhala, Tq. SILLOD Dist. Chh. Sambhajinagar Maharashtra	Cow Breeding & Milk production processing , sileage manufacturing
10	Siddhi Manwat Agro Farmer Producer Co Ltd	Agriculture & Food Processing	A/p Manwat, Block Parbhani, Dist Parbhani, Maharashtra,	Soyaben Seed production & processing
11	Krushisugandh Agro Farmer Producer Co Ltd	Agriculture & Animal Husbandry	A/p Kerhala, Tq. SILLOD Dist. Chh. Sambhajinagar Maharashtra,	Goat Breed Farm
12	Shetibhakt Hitech Farmer Producer Co Ltd	Agriculture & Animal Husbandry	A/p Dawarwadi, Tq Paithan Dist. Chh. Sambhajinagar Maharashtra	Cow breed farm
13	Devi Tuljai Agrotech Farmer Producer Co Ltd	Agriculture & Food Processing	A/p Janephal, Block Mehkar, Dist Buldhana, Maharashtra,	Grain Processing & Packaging
14	Bijankaur Hi tech Producer Co Ltd	Farmer Producer Co.	Spices (Chilly Turmeric and other blended spices	Chilly, Turmeric And Blended Spices Manufacturing
15	Dashrathbaba Farmer Producer Co Ltd			

Certification



Our Brands



ILIKA
(Made from Earth)
for nonperishable category
(Grains, Pulses, oil seeds)



HARSHIT
(Fresh Fruits and
vegetables)

Products Portfolio Dehydrated



Ginger

Ginger Flex
Ginger Powder
Ginger Figures
Dried Ginger



Chilli

Chilly Powder
Chilly Flex Whole
Chilli/Chilli pieces



Carrot

Dices / Cubes
Slices / Rings
Carrot Shreds



Cabbage

Cabbage Shreds



Okra

Okra Whole
Okra Pieces



Sweet Corn

Sweet Corn krenels



Cauliflower

Cauliflower florates
Cauliflower minced



Dehydrated Vegetables

Mix Vegetables

PACKAGING : Retail Packs 5kg, 10kg | Bulk Packs – Based on customer specifications



Pomoaranate Aril

PACKAGING

Retail Packs – 20g to 200g packed in pouches
Bulk Packs – 1kg to 3kg packed in pouches

Note : Any other dehydrated product can be made available as per customer specification

Products Portfolio Vaccum Fried



Potato Chips



French Fries



Pakodas



Cauliflower



Apple



samosa



Mango (5mm)



Broccoli



Banana



Carrot



Jackfruit



Pea



Mashroom



Khapli Wheat Based Snacks



Okra



Onion

PACKAGING

Retail Packs – 20g to 200g packed in pouches | Bulk Packs – 1kg to 3kg packed in pouches

Bulk Packs – Based on customer specifications

Products Portfolio



Frozen Shrink Wrap Whole Sweet Corn on Cobs Both Side Cut
 4 cobs per pack shrink wrap x 12 Packs per carton
 Net Weight - **12.8 Kg**
 Gross Weights - **13.8 kg**
 Size of cobs - **135 mm to 140 mm**



Frozen Whole Sweet Corn on Cobs Both Side Cut
 12.5 kg/carton, 48 cobs in each carton, Each Cobs Weights Mini. 250 gm.
 Net Weight - **12.5 Kg**
 Gross Weight - **13.300 kg**
 Size of cobs - **135 mm to 140 mm**



Frozen Mini Sweet Corn on Cobs
 6 pieces per pack shrink wrap x 12 per carton
 Net Weight - **9.00 Kg**
 Gross Weights - **9.80 kg**
 Size of Cobs - **70 to 80 mm**



Frozen Mini Sweet Corn on Cobs
 96 cobs in each carton
 Net Weight - **12.000 KG**
 Gross Weights - **12.850 kgs**
 Size of Cobs - **70 to 80 mm**



Frozen Sweet Kernels
 30 kg HDPE bags With Blue LDPE Liner.
 Net Weight - **30.000 KG**
 Gross Weights - **30.150 kgs**



Frozen Sweet Kernels
 2.5 kgs x4 Pack per carton
 Net Weight - **10.000 KG**
 Gross Weights - **10.750 kgs**



Jalapeno Slices in Jar Bottle
 12 x 370 ml Jar - Net Wt. **0.370 gm**, Drain Wt. **190 gm**, Qty / 20 FCL-3200
 12 x 720 ml Jar - Net Wt. **660 gm**, Drain Wt. **395 gm**, Qty / 20 FCL-1700



Baby Corn in Glass Jar
 12 x 370 ml Jar - Net Wt. **0.370 gm**, Drain Wt. **190 gm**, Qty / 20 FCL-3200
 12 x 720 ml Jar - Net Wt. **660 gm**, Drain Wt. **395 gm**, Qty / 20 FCL-1700



Vaccum Packed Whole Peeled Red Beet Root
 500 gm x 12 packs per carton
 Net Weight - **6 kg**,
 Gross Weight - **6.400 kg**,
 Qty / 40 FCL- 4100



Frozen Garlic Paste Cubes
 20 gm Cube x 500 Pecs per carton
 Net Weight - **10.000 KG**
 Gross Weights - **10.750 kgs**



Frozen Ginger Paste Cubes
 20 gm Cube x 500 Pecs per carton
 Net Weight - **10.000 KG**
 Gross Weights - **10.750 kgs**

Products Portfolio



Frozen Red Chilli Paste Cubes

20 gm Cube 500 Pecs per carton
Net Weight - **10.000 KG**
Gross Weights - **10.750 kgs**



Frozen Chopped Spinach/Puree Cubes

20 gm Cube x 500 Pecs per carton
Net Weight - **10.000 KG**
Gross Weights - **10.750 kgs**



Frozen Cut Baby Corn

10 kg/carton, with LDPE Food grade poly blue liner
Net Weight - **10.000 kg**
Gross Weights - **10.650 kgs**



Frozen Totapuri Mango Diced

Net Weight - **10.000 KG**
Gross Weights - **10.650 kgs**



Frozen Totapuri Mango Pulp

Net Weight - **16.000 KG**
Gross Weights - **16.800 kgs**



Frozen Vaccum Packed Alphonso Mango Slices

1 kg pack, 10 pack per carton
Net Wt. - **10.000 KG**,
Gross Wt. - **10.800 kgs**



Frozen Guava Pulp

Net Weight - **16.000 KG**
Gross Weights - **16.800 kgs**



Frozen Strawberry

2.5kg pack, 04 pack per carton
Net Weight - **10.000 KG**
Gross Weights - **10.750 kgs**,



Vaccum Packed Sweet Corn on Cob

500gm x 12 Packs Per Carton
Net Weight - **6.000 KG**,



Frozen Green Peas

1 kg pack, 10 pack per carton
Net Weight - **10.000 KG**,
Gross Weight - **10.800 kgs**,



Frozen Mix Vegetables

2.5 kg pack, 04 pack per carton
Net Weight - **10.000 KG**,
Gross Weights - **10.750 kgs**,



Frozen Cauliflower

2.5 kg pack, 04 pack per carton
Net Weight - **10.000 KG**,
Gross Weights - **10.750 kgs**,

Grains



Wheat

Gluten a large family of proteins, accounts for up to 80% of the total protein content. It's responsible for the unique elasticity and stickiness of wheat dough, the properties that make it so useful in bread making. Whole wheat may be a decent source of several vitamins and minerals, including selenium, manganese, phosphorus, copper and folate, Carbs are the main nutritional component of wheat. Most wheat fiber is insoluble, passing through your digestive system almost intact and adding bulk to stool. Some fibers also feed your gut bacteria.

Khapli Wheat

(Triticum dicoccum) is rich in proteins and a good source of Magnesium. It has a low Gluten content and has a therapeutic value and curative property for treating diabetes and cardiovascular diseases. It has a capacity to lower Blood Glucose and Lipid levels. It also improves resistance power and controls body weight.

Bansi Wheat

Bansi Wheat (Triticum durum) is rich in fibre which minimises the risk of heart disease and promotes good bowel movement and relieves constipation. The digestion and absorption of Carbohydrates from this wheat is gradual which benefits in Diabetes management as slower rate prevents quick fluctuations in blood glucose level. It contains Selenium, an antioxidant that prevents cell membrane and DNA degradation that helps fight ageing.

Black Wheat

Black wheat acts as natural relaxant, as it has abundant amount of antioxidants. It contains amino acids, which reduce cholesterol by reducing excess fat. High amount of dietary fiber keeps stomach full, reducing excess diet helps weight control. Iron rich, free from gluten

Processing Stage Solutions

Subsegments	Digital Solutions
Primary processing	IoT-based monitoring
	Automated sorting and grading
	Blockchain for traceability
Secondary processing	Machine learning
	Robotics and automation
	Advanced sensors
Tertiary processing	3D food printing
	AI-driven recipe development
Quality control and safety	Computer vision
	Lab-on-a-chip devices

Digital technologies for an improved value chain integration

Digital Technologies	Food Value Chain Stages Integrated
IoT	Production, Processing, Distribution, Retail
AI and Machine Learning	All stages
Blockchain	All stages
GPS and Remote Sensing	Production, Distribution
Mobile & Web Applications	All stages
VR/AR	Production, Retail
Robotics and Automation	Production, Processing, Distribution
Digital Twins	Production, Processing
Crowdsourcing and Open Innovation Platforms	All stages
Smart Packaging	Distribution, Retail
Vertical Farming and CEA	Production, Distribution
Weather and Climate Prediction Tools	Production
Nutrient and Water Management Software	Production

Distribution Stage Solutions

Transportation	GPS tracking
	Autonomous vehicles
	IoT-based temperature monitoring
Warehousing	Automated storage and retrieval
	Smart inventory management
	AI-driven demand forecasting
Inventory management	RFID tags
	AI-driven demand forecasting

Retail & Food Service Stage Solutions

Supermarkets and Grocery Stores	Electronic shelf labels
	Self-checkout systems
	Mobile payment apps
Institutional Catering, restaurants and Cafes	Online reservation systems
	Digital menu boards
	Contactless ordering
	Inventory management software
	AI-driven menu planning

Additional Information

The agricultural supply chain, also known as the agri-food supply chain, encompasses the processes involved in the production, processing, distribution, and consumption of agricultural products. In recent years, there has been a significant push to integrate digital technologies and common infrastructure facilities into the agri-food supply chain, giving rise to the concept of local to Global.

Digital Agri food Supply chain Management aims to leverage various digital technologies and data-driven solutions to improve the efficiency, productivity, sustainability, and traceability of Agri Processing operations. By incorporating digital technologies & Common Infrastructure facilities throughout the supply chain, from farm to fork, stakeholders can make informed decisions, optimize processes, reduce waste, and ensure food safety.

- It is time for a revolution.
- One that enriches the lives of farmers.
- Makes agriculture more sustainable.
- Contributes towards our environment.
- And embraces technology to brighten the lives of everyone involved.

At Farmate Processed Fruit Cluater, we want to improve the quality of our food and Rural Micro Small enterprises through backward integration of the entire value chain.

The agri-food supply chain begins at the farm level. Digital technologies are being employed to enhance farming practices, increase yields, and minimize resource use. For instance, precision agriculture techniques utilize sensors, drones, and satellite imagery to gather data on soil conditions, crop health, and weather patterns. This data can be analyzed to determine optimal planting times, irrigation schedules, and nutrient management strategies. By implementing precision agriculture, farmers can reduce input costs, improve crop yields, and minimize environmental impacts.

By influencing the structures, systems and relationships that define the value chain, the aim is to evolve the eco system of post harvesting innovative off farm activities which could enhance the market capabilities in order to strengthen the base of rural technology based intervention in the form creation of CFC comprising components as follows:

Common processing centre

Common packaging centre

Marketing hub & E commerce platform

Export facilitation centre

Agro Entrepreneurship development centre

Smart capital, entrepreneurship models and technological innovations can overcome the challenges of agriculture and create a prosperous future.

(Imp keep the above line)



Harvesting Happiness

Over the last few decades, we've been constantly improving the lives of farmers in Aurangabad, Sillod, and nearby villages. We're determined to reverse climate change and its ill-effects on farms with biodiversity and food-diversity with our expertise, passion, and focus on farmers.

We cover the entire value chain

Smart farming with irrigation fertigation and crop protection using e-connectivity

Aligning the farm harvest digitally so that complete produce data is available online

Post-harvest and processing centre wherein primary and secondary values are added to the produce as per the market needs

Marketing and trading the product through multiple channels – supermarket chains – domestic & international, institutional consumers, wholesale buyers, export houses, etc.

End-to-end logistic and inventory management support to help all the produce reach the right customers

Digital payments along with incentives on the basis of volumes handled in every station

In the entire chain, we cover all institutional support – financial, warehousing, trading, export handling, and many more.

In the context of making Micro and Small Enterprises (MSEs) out of the farm sector, digital agriculture offers a range of opportunities that can transform the livelihoods of small-scale individuals and rural entrepreneurs. Here's a more detailed explanation of how digital agriculture can empower MSEs in the farm sector:

Access to Digital Tools

Training and Capacity Building

Market Linkages

Value Chain Integration

Financial Inclusion

In summary, digital agriculture along with Common Infrastructure facilities offers MSEs in the farm sector a range of opportunities to enhance their productivity, expand their market reach, and improve their incomes. By leveraging digital tools, accessing training and capacity-building programs, and utilizing digital platforms for direct sales, MSEs can capture a larger portion of the value chain and improve their profitability. The integration of MSEs into the digital agri-food supply chain not only benefits the farmers themselves but also contributes to the overall economic growth and development of rural communities.





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