



FOOD PROCESSING

Towards Sustainable Growth Opportunities

GUJARAT

GUJARAT





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ACRONYMS

ABBREVIATION	DEFINITION
AHIDF	Animal Husbandry Infrastructure Development Fund
AMUL	Anand Milk Union Limited
APC	Agro Processing Cluster
APEDA	Agricultural and Processed Food Products Export Development Authority
APMCs	Agriculture Produce Marketing Committees
ASI	Annual Survey of Industries
ASPIRE	A Scheme for Promotion of Innovation, Rural Industry and Entrepreneurship
CAGR	Compound Annual Growth Rate
CBFL	Creation of Backward and Forward Linkages
CEFPPC	Creation/Expansion of Food Processing & Preservation Capacities
CFS	Container Freight Station
CLCSS	Credit Linked Capital Subsidy Scheme
CoEs	Centres of Excellence
DIDF	Dairy Processing & Infrastructure Development Fund
DPIIT	Department for Promotion of Industry and Internal Trade
DPR	Detailed Project Report
DRPs	District Resource Persons
e-NAM	Electronic National Agriculture Market
eFCI	Eligible Fixed Capital Investment
EoDB	Ease of Doing Business
EOI	Expression of Interest
F&V	Fruits & Vegetables
FAOSTAT	Food and Agriculture Organization Corporate Statistical Database
FDI	Foreign Direct Investment
FIDF	Fisheries and Aquaculture Infrastructure Development Fund
FME	Formalization of Micro Food Processing Enterprise
FPC	Farmer Producer Company
FPOs	Farmer Producer Organisations
FSSAI	Food Safety and Standards Authority of India
FTL	Food Testing Laboratory
GIS	Geographic Information System
GIDS	Gujarat Industrial Development Corporation
GSDP	Gross State Domestic Product
GST	Goods and Services Tax
GVA	Gross Value Added
ha	Hectare
HACCP	Hazard Analysis and Critical Control Point
HT	High Tension
ICC	Integrated Cold Chain and Value Addition Infrastructure
ICD	Inland Container Depot

ACRONYMS

ABBREVIATION	DEFINITION
INR	Indian Rupee
IQF	Individual Quick Freezing
Km	Kilometre
LEADS	Logistics Ease Across Different States
LLP	Limited Liability Partnership
LT	Low Tension
MIDH	Mission for Integrated Development of Horticulture
MoFPI	Ministry of Food Processing Industries
MSDE	Ministry of Skill Development & Entrepreneurship
MSEs	Micro and Small Enterprises
MSME	Micro, Small, and Medium Enterprises
MT	Metric Ton
MW	Mega Watt
NABARD	National Bank for Agriculture and Rural Development
NAIFF	National Agriculture Infra Financing Facility
NDDDB	National Dairy Development Board
NGO	Non-Governmental Organization
NOC	No Objection Certificate
ODOP	One District One Product
PFT	Private Freight Terminal
PLI	Production Linked Incentive
PLISFPI	Production Linked Incentive Scheme for Food Processing Industry
PLISMBP	Production Linked Incentive scheme for Millet-Based Products
PMFME	Pradhan Mantri Formalisation of Micro Food Processing Enterprises
PMKSY	Pradhan Mantri Kisan Sampada Yojana
PMKVY	Pradhan Mantri Kaushal Vikas Yojana
PMMSY	Pradhan Mantri Matsya Sampada Yojana
PSL	Priority Sector Lending
RBI	Reserve Bank of India
RTC	Ready to Cook
RTE	Ready to Eat
SEZ	Special Economic Zone
SFAC	Small Farmers' Agri-Business Consortium
SGST	State Goods and Services Tax
SHG	Self-Help Groups
SMEs	Small and Medium Enterprises
SNA	State Nodal Agency
SPV	Special Purpose Vehicle
Sq. KM	Square Kilometre
SWC	Single Window Clearance
USD	U.S. Dollar



ABSTRACT

Establishing Strong Linkages between Industry and Agriculture:

The food processing sector plays a crucial role in establishing strong linkages between the industry and the agriculture sector. It facilitates collaboration and integration, benefiting both sectors and boosting the overall agricultural value chain.

Remarkable Growth in the Indian Food Processing Sector:

The Indian food processing sector has achieved impressive growth, surpassing a 9% average annual growth rate since 2014-15. This indicates its strong potential and contribution to the Indian economy.

Significant Increase in Processed Food Exports:

India's processed food exports have experienced a significant surge, increasing from US\$4.96 billion in 2014-15 to US\$13.07 billion in 2022-23. This growth showcases the sectors competitiveness and ability to cater to international markets.

Agricultural Strength and Development Focus in Gujarat:

Gujarat, a State renowned for its robust agricultural sector, boasts a Gross State Domestic Product (GSDP) of USD 198.08 Billion. With the help of various Government schemes and a Single Window System, Gujarat is an excellent location in terms of ease of doing business. The State holds the 4th position in the NITI Aayog Export Preparedness Index and is a best performer in India's State Start-up ranking.

Promising Opportunities in Gujarat:

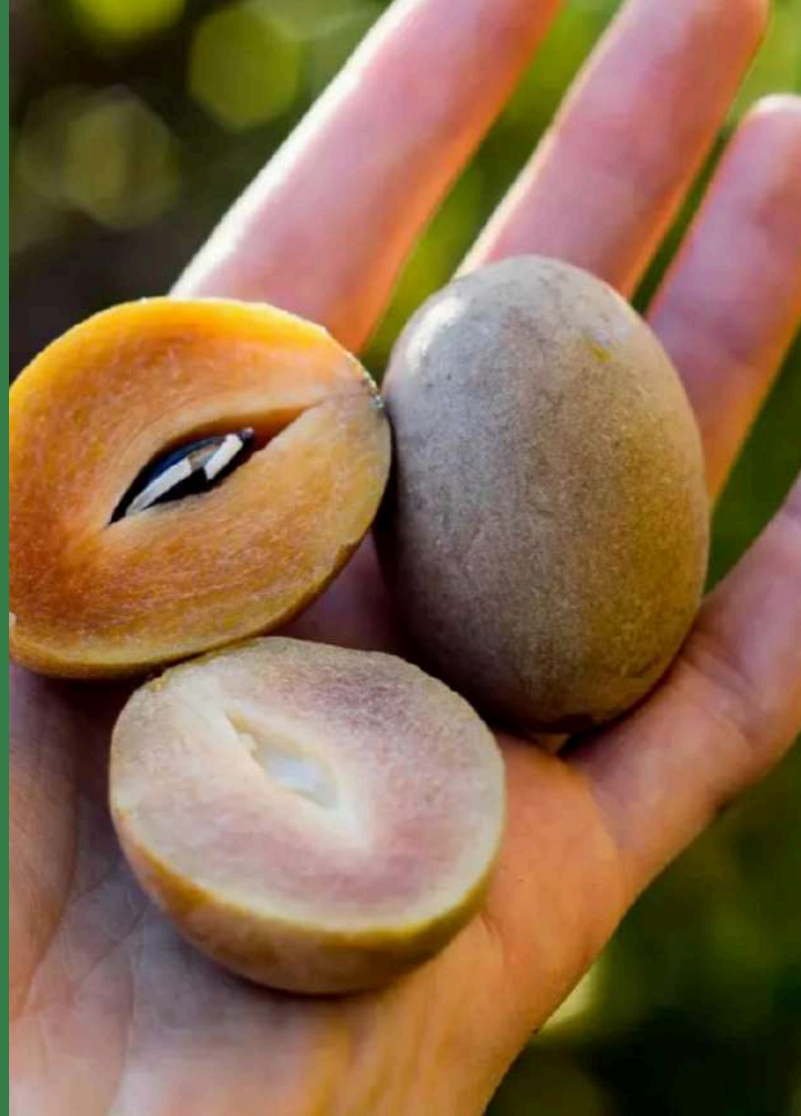
Gujarat offers extensive prospects in the food processing industry, particularly in the areas of Dairy, Fruits & Vegetables, and Spices. The State occupies a leading position in the production of Chikoo (Sapota), the second position in Pomegranate, Papaya, Lemon, and Coriander production, and the third position in Banana and Brinjal production in India. Additionally, Gujarat has been granted geographical indicator tags for Gir Kesar Mango and Bhalia Wheat. The potential range of processed food products includes canned fruits and vegetables, frozen meals, sauces, salad dressings, and dehydrated snacks. The Ministry of Food Processing Industries has provided support and incentives to the State through flagship schemes, such as, Pradhan Mantri - Kisan Sampada Yojana, Pradhan Mantri Formalisation Micro Food Processing Enterprises, and the Production Linked Incentive Scheme.

01. FOOD PROCESSING IN INDIA

The food processing sector is a uniquely placed amongst the manufacturing sector due to its backward linkages to the farming activities. A well-developed food processing sector with sufficiently higher level of processing helps in the improving value addition reducing post-harvest losses, promoting crop diversification, ensuring better returns to the farmers, promoting off-farm employment as well as increasing export earnings.

India ranks first in production of pulses & milk, second in vegetable & fruit, wheat & rice and third in cereals and eggs, in the World as per FAOSTAT estimates.¹

An abundant supply of raw materials, increase in aggregate demand for processed food products and incentives offered by the Government of India has impacted food processing sector positively. The Gross Value Addition (GVA) has increased from INR 1.34 Lakh Crore in 2014-15 to INR 2.37 Lakh Crore in 2020-21 exhibiting an average annual growth rate of 9.3%. The sector constituted as much as 10.54% and 11.57% of GVA in Manufacturing and Agriculture sectors respectively in 2020-21 (at the 2011-12 prices).²



India's food and beverages market grew at a CAGR of 6.92% between 2017 - 22.³

India's food and beverages market is forecasted to grow at a CAGR of 9.94% from 2022 - 27.⁴

¹ Statistics | Food and Agriculture Organization of the United States

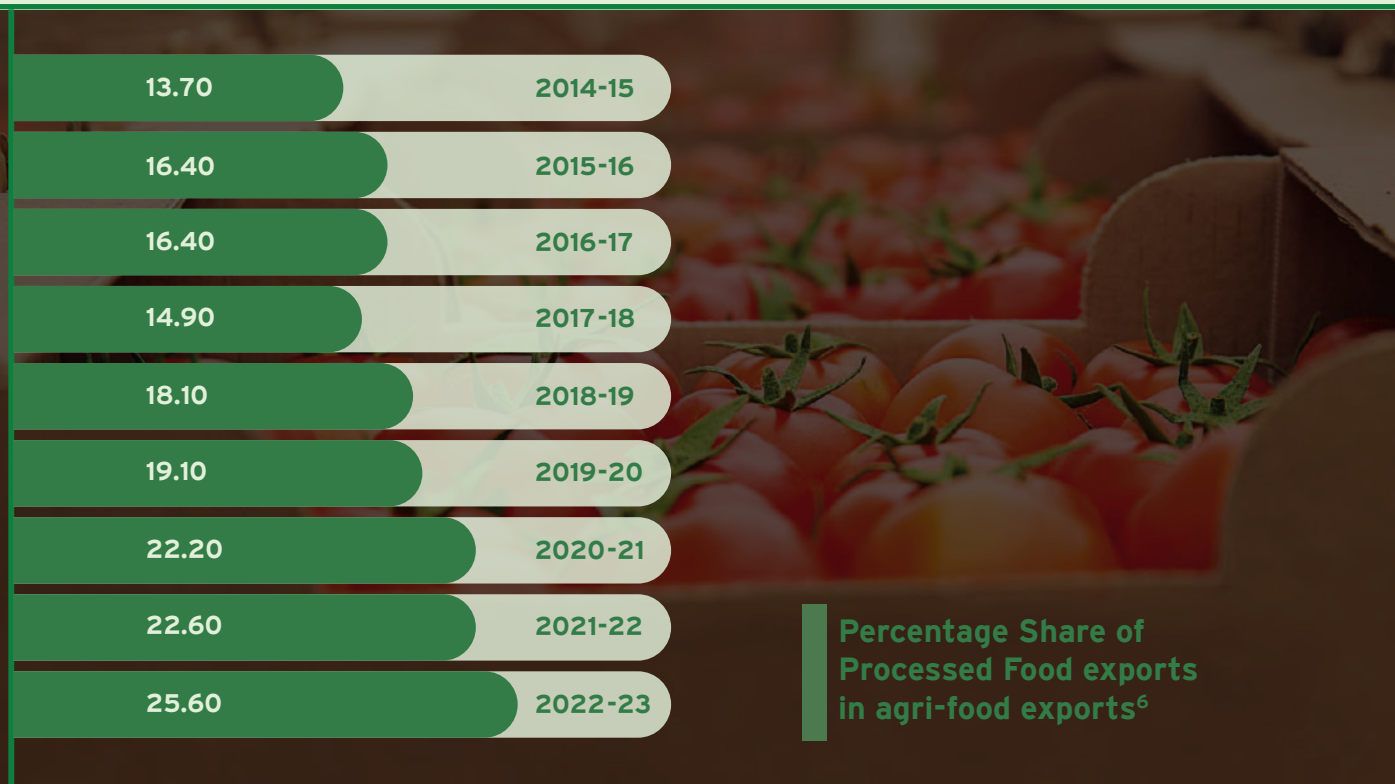
² MoFPI

³ ibid

⁴ India's food and beverages market is forecasted to grow at a CAGR of 9.94% from 2022 - 27.

As per the Annual Survey of Industries (ASI) latest estimates production of, the Food Processing Sector employees nearly 12.2 % of the workforce in the registered factory sector.

The Export of Agri-Food products has increased from US\$ 36.17 in 2014-15 to US\$ 51.05 billion in 2022-23. The Export of Processed-Food products has increased from US\$ 4.96 in 2014-15 to US\$ 13.07 billion in 2022-23. Thus, the share of the processed-food products in overall agri-food products export has increased from 13.70 % in 2014-15 to 25.60 % in 2022-23⁵.



As per market estimates, Asia Pacific emerged as the dominant region in the global food and beverages market with 41.5% share of the global food and beverages market in 2022. Within the Asia Pacific region, India's food and beverages market was the third largest, after China and Japan, in the said period⁷.

⁵ MoFPI

⁶ Ibid

⁷ Food and Beverages Global Market Briefing 2023 – The Business Research Company, December 2022

⁸ Ibid

02. OVERVIEW

Gujarat, a State located in Western India, boasts a 1,600-kilometer⁹ coastline along the Arabian Sea and is equipped with 42 ports¹⁰. Situated on the western coast of India, it shares borders with neighboring States, such as, Rajasthan and Madhya Pradesh to the northeast and east, as well as Maharashtra and the Union Territories of Daman, Diu, and Nagar Haveli to the south.

Gujarat plays a crucial role in the field of exports, contributing over 20% to the overall exports of India. Additionally, it holds the distinction of being the fourth-largest State in India in terms of milk production, housing Anand Milk Union Limited (AMUL), one of Asia's largest dairy companies, situated in the city of Anand. Furthermore, Gujarat has emerged as the leading industrial State in India, establishing itself as a prominent industrial hub. Renowned for its industrial prowess, Gujarat experiences a diverse climate. It is characterized by mild and pleasant winters, hot and dry summers, and heavy monsoons.¹¹

State Capital

Gandhinagar

Geographic Area¹²

196,024 sq. km

Population (Census 2011)¹³

60.4 million

Total Road Length (March 2019)¹⁴

2,49,373 kms

Rail length (route km)¹⁵

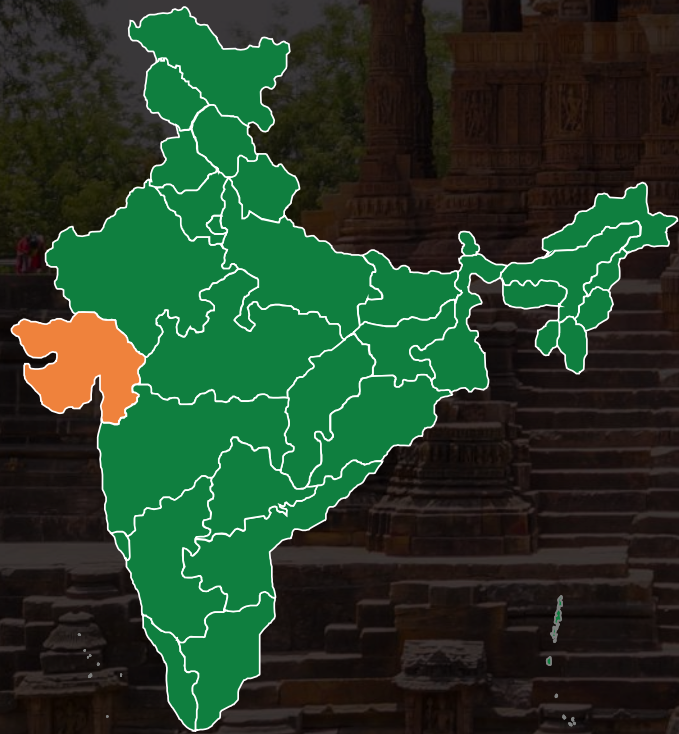
7,938

Industrial Area

20 Functional SEZs¹⁶

83 Industrial Clusters¹⁷

224 Industrial Estates (GIDC)¹⁸



⁹ Gujarat State Profile | Government of Gujarat

¹⁰ Niti Aayog | Export Preparedness Index 2021

¹¹ APEDA | E-Catalogue For Export Of Millets And Value Added Products Gujarat

¹² Census Gujarat | India WRIS

¹³ Ibid

¹⁴ RBI | Handbook of Statistics on Indian States | State-wise Length of Roads

¹⁵ DPIIT | LEADS 2022: Logistics Ease Across Different States

¹⁶ Special Economic Zones in Gujarat | Industries Commissionerate, Government of Gujarat

¹⁷ Cluster Development | Industries Commissionerate, Government of Gujarat

¹⁸ Gujarat Industrial Development Corporation

Gross State Domestic Product (GSDP)¹⁹

198.08 Billion USD

Airports²¹

**3 International-
Ahmedabad, Surat,
& Vadodara**

Available Land²²

**Mixed Category
18,886.41 ha**

**Food Processing Category
10.38 ha**

Infrastructure²⁴

9
Inland Container Depot (ICDs)

19
Container Freight Station (CFS)

10
Air Cargo Terminals

8
Private Freight Terminal (PFT)

119
Railway Goods Sheds

7.97 lakh
MT Warehouse Capacity

38.22 lakh
MT Cold Storage Capacity

Per Capita Net State Domestic Product²⁰

2575.57 USD

7 Domestic-

**Bhavnagar, Rajkot, Surat,
Kandla, Keshod, Bhuj,
Jamnagar, Amreli, & Mandvi**

Agri Export Zone²³

3

1. Mango & Vegetables

2. Dehydrated Onion & Garlic

3. Sesame Seeds

Installed power²⁵

Thermal
25145.96 MW

Nuclear
559.00 MW

Renewables
20207.85 MW

Of which Hydro is
772.00 MW

¹⁹ RBI | Handbook of Statistics on Indian States | Gross State domestic product | Exchange Rate as on 5th June 2023

²⁰ RBI | Handbook of Statistics on Indian States | Per Capita Net State Domestic Product | Exchange Rate as on 5th June 2023

²¹ Airport Infrastructure | Gujarat Infrastructure Development Board

²² India Industrial Land Bank 31.05.2023

²³ APEDA | Agri Exchange | Agri Export Zone

²⁴ DPIIT | LEADS 2022: Logistics Ease Across Different States

²⁵ Central Electricity Authority | Installed Capacity Report - 31.03.2023

03. ADVANTAGE GUJARAT



Ranks #4th in NITI Aayog's Export Preparedness Index 2022²⁶



India's leading exporter with 30% contribution (2021-22)²⁷



2nd highest port count in India (42)²⁸



Figures amongst Best Performer, as per Start-up Ranking Results, 2021²⁹



Amul: Asia's Largest Dairy Attraction³⁰



Leader in Cumin and Fennel production in India³¹



Agricultural Powerhouse:³²

- Rank 2nd in the production of Pomegranate, Papaya, Lemon, and Coriander
- 3rd largest producer of Banana in India

²⁶ Niti Aayog | Export Preparedness Index 2022

²⁷ Ibid

²⁸ Ibid

²⁹ States Start-up Ranking Results ²⁰²¹ | Ministry of Commerce & Industry

³⁰ Amul Dairy | District Anand | Government of Gujarat

³¹ Ibid

³² Ibid

Largest producer of **Beans** in India²⁷



Leading **Chikoo (Sapota)** producer in India (Ranked#1)³⁰



Milk powerhouse: 7.5% of national production, ranked **4th** in India³⁴



Ranked **3rd** in **Fish** production in India³⁵



²⁷ Ibid

²⁸ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

²⁹ National Dairy Development Board | Milk Production by States/UTs

³⁰ RBI | Handbook of Statistics on Indian States | State-Wise Fish Production

04. LOCAL FOOD SYSTEM

4.1 INDIGENOUS PRODUCE

Gujarat, located in Western India, benefits from **8 agro-climatic zones**³⁷ that create favorable conditions for the cultivation of a wide variety of agricultural crops, vegetables, and fruits throughout the year. The State's diverse macro and microclimates, physiography, landforms, geology, and vegetation play a significant role in shaping the soil composition. Among the different soil types in Gujarat, the dominant one is the Black Soil, which can range from shallow black to medium black and deep black³⁸.

In terms of agriculture, Gujarat takes the lead as the primary producer of several crops, including tobacco, cotton, groundnut, rice, wheat, jowar, bajra, maize, tur, and gram.³⁹ The State's gross sown area covers approximately 138.16 lakh hectares, with a net sown area of 97.87 lakh hectares available for production in the year 2019-20⁴⁰.

STATE HAS RECEIVED 2 GEOGRAPHICAL INDICATOR (GI) TAGS FOR⁴¹ -

- ▲ Gir Kesar Mango
- ▲ Bhalia Wheat

³⁷ State Agriculture Plan and State Infrastructure Development Plan, Gujarat (2017-18 to 2019-20) | Rashtriya Krishi Vikas Yojana website

³⁸ Status of Environment & Related Issues - Gujarat

³⁹ Gujarat State Profile | NITI Aayog

⁴⁰ RBI | Handbook of Statistics on Indian States

⁴¹ Intellectual Property | Registration Details of Geographical Indications

4.2 KEY PRODUCTION HIGHLIGHTS



1st in production of **Groundnut**⁴²



Largest producer of **Chikoo** (Sapota)⁴³



Largest producer of **Beans**⁴⁴



1st in production of **Cumin and Fennel**⁴⁵



2nd largest producer of **Pomegranate**⁴⁶



2nd largest producer of **Papaya**⁴⁷



2nd largest producer of **Lemon**⁴⁸



2nd largest producer of **Coriander**⁴⁹



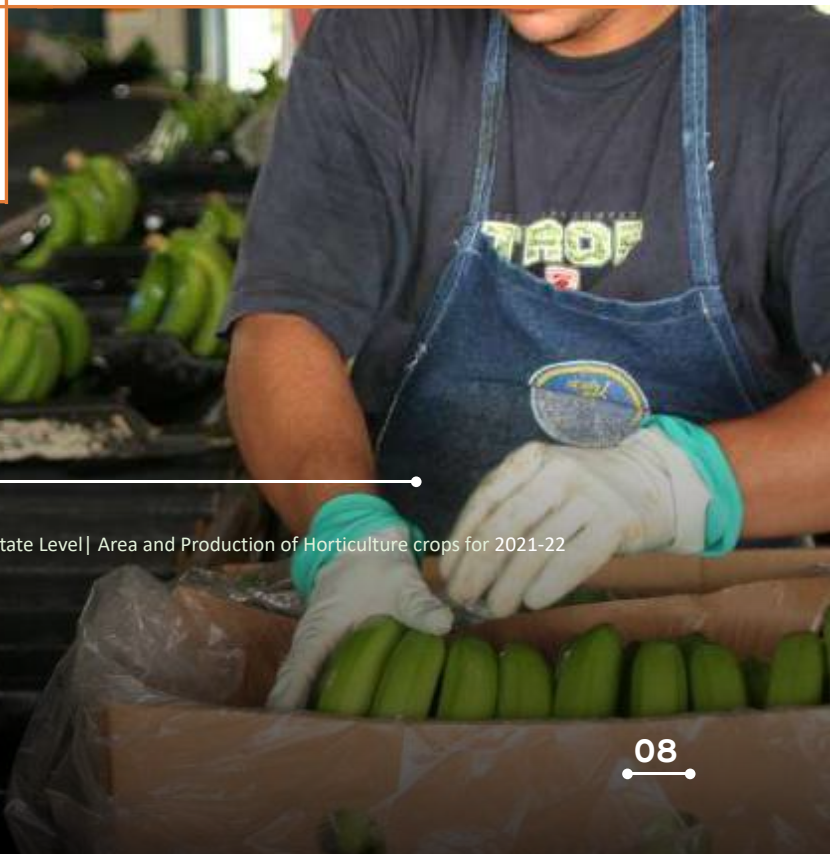
3rd largest producer of **Banana**⁵⁰



3rd largest producer of **Brinjals**⁵¹



Castor & Mustard are the primary oilseed crops grown in Gujarat



⁴² Production of Important Crops | Economic Survey 2022-23

⁴³ Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

⁴⁴ Ibid

⁴⁵ Ibid

⁴⁶ Ibid

⁴⁷ Ibid

⁴⁸ Ibid

⁴⁹ Ibid

⁵⁰ Ibid

⁵¹ Ibid

KEY PRODUCTION STATISTICS ARE PRESENTED BELOW^{50&51}

CROPS

'000 MT

WHEAT

3259.5

COARSE CEREALS

1759.6

PULSES

1809.2

RICE

2145.7

LIVESTOCK & FISHERIES

MILK

15853 '000 tonnes

EGGS

19319 lakh

MEAT

33 '000 tonnes

FISH

8.59 lakh tonnes

FRUITS

'000 MT

MANGO

917.20

PAPAYA

1105.52

SAPOTA (Chikoo)

270.99

POMEGRANATE

696.57

VEGETABLES

'000 tonnes

BEANS

794.38

BRINJAL

1572.10

ONION

2555.00

OKRA

1091.64

SPICES

'000 MT

CUMIN

322.62

GARLIC

202.83

CORIANDER

188.34

FENNEL

87.17

⁵² Department of Agriculture & Farmers Welfare | Horticulture | State Level | Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)

⁵³ RBI | RBI Handbook of Statistics on Indian States

05. PRODUCTION CLUSTERS ⁵⁴

The list below showcases the Production Clusters within the State under the Pradhan Mantri Formalisation of Micro Food Processing Enterprises Scheme (PMFME) -

BANANA
based products
Anand, Bharuch,
Surat, Narmada



CORIANDER
based products
Junagadh



CUMIN
based products
Mehsana, Patan,
Surendranagar



DATE
based products
Kutch



FINGER MILLET (RAGI)
based products
Dang





---- **GRAM** based Products

Porbandar



---- **GROUNDNUT**
based Products

Amreli, Devbhoomi Dwarka,
Jamnagar, Rajkot,



---- **Guava** based products

Botad



---- **MAIZE** based products

Chhota Udaipur, Panchmahal



---- **MANGO** based products

Gir Somnath, Navsari



---- **OKRA** based products

Gandhinagar

ONION based products
Bhavnagar



PAPAYA based products
Mahisagar



POMEGRANATE
based products
Banaskantha



POTATO based products
Aravalli



RICE based products
Kheda



SAPOTA based products
Valsad



06. MILLETS IN GUJARAT



Millets are one of the oldest foods used for domestic purposes. They are small-seeded grasses that are hardy and grow well in dry zones as rain-fed crops, under marginal conditions of soil fertility and moisture. Millets are also unique due to their short growing season. As per 4th Advanced Estimate by APEDA, the State's millet production is estimated about **11.55⁵⁵** lakh tonnes

Varieties of Millets grown in Gujarat⁵⁶

- Pearl Millet (Bajra)
- Sorghum (Jowar)
- Small Millets
 - Barnyard Millet (Banti)
 - Vari (Little Millet)
 - Kodra (Kodo Millet)
 - Proso Millet

State Mission on Millets – The State of Gujarat has "**National Food Security Mission - Nutri Cereals**" scheme, which includes various activities, such as, cluster demonstrations, distribution of certified seeds, provision of agricultural inputs, training, establishment of storage facilities, mini grinder machines, formation of Farmer Producer Organizations (FPOs), development of processing units, establishment of Centres of Excellence (CoEs), creation of Seed Hubs, organization of workshops and festivals, awareness campaigns, and distribution of seed mini kits.⁵⁷

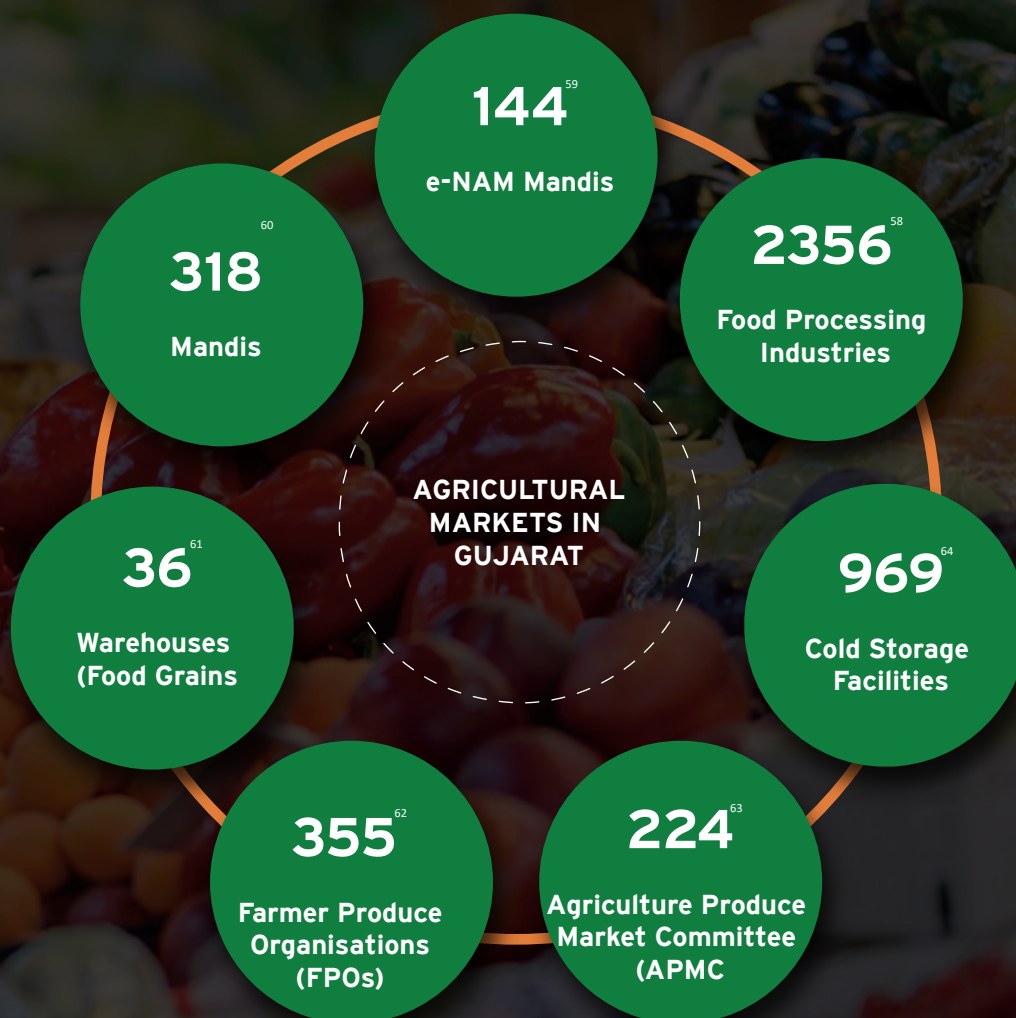
⁵⁴ APEDA | State-wise Millet Production

⁵⁵ APEDA | E-Catalogue for Export Of Millets And Value-Added Products Gujarat

⁵⁶ APEDA | E-Catalogue for Export Of Millets And Value-Added Products Gujarat

07. AGRICULTURAL MARKETING

The Agriculture Produce Marketing Committees (APMCs) in Gujarat govern the agricultural marketing process. This is achieved through the implementation of the Gujarat Agricultural Produce Markets Act of 1963. APMCs oversee the licensing, collection of market fees, and provision of market infrastructure to facilitate the sale of agricultural produce.



⁵⁸ Food Processing Industries | Ministry of Food Processing Industries

⁵⁹ No. of Unified Licenses | National Agriculture Market

⁶⁰ Directorate of Marketing & Inspection | Ministry of Agriculture and Farmers Welfare

⁶¹ Ministry of Consumer Affairs, Food & Public Distribution | Storage of Food Grains

⁶² DATA OF REGISTERED FPOs | Ministry of Agriculture & Farmers

⁶³ Investment Promotion Organisation | Industries and Mines Department

⁶⁴ Cold Storage Facilities in the Country | Ministry of Agriculture and Farmers Welfare

08. POTENTIAL OPPORTUNITIES

Gujarat's advantageous geographical position, strong infrastructure, and favorable Government policies make it an attractive choice for investments in food processing. With diverse agro-climatic zones, the State enables the cultivation of a wide range of agricultural products, serving as a catalyst for food processing activities. Abundant production of fruits, vegetables, spices, and milk further enhances the opportunities in the food processing industry.

FRUITS AND VEGETABLES

Gujarat is **5th** largest producer of fruits and **6th** largest producer of vegetables in the country, which provides the State potential to operate and augment the food processing sector. The State's total fruit production is **82.60** lakh MT and total vegetable production is **15.99** lakh MT.⁶⁵

Major fruit crops include papaya, banana, lemon, pomegranate and gooseberry with banana contributing **48% of the total production**. Onion and potato are the major vegetables produced in Gujarat. Other vegetables include okra (lady finger), cabbage, tomato.

- **Value-added processing items from local produce:**

The production of ready-to-eat meals, tetra pack juices, jelly, jams, squash, flavouring essence, and various forms of processed and packaged fruits.



⁶⁵ Department of Agriculture & Farmers Welfare | Horticulture | State Level Area and Production of Horticulture crops for 2021-22 (3rd Advance Estimates)



- **Value-added processing items from local produce:** The production of ready-to-eat meals, tetra pack juices, jelly, jams, squash, flavouring essence, and various forms of processed and packaged fruits.
- **Ready-to-eat products:** Gujarat offers potential for dehydrated fruit chips and vegetable crisps, catering to the growing demand for healthy and convenient snacks.
- **Value-added products:** There are opportunities to produce purees and salad dressings, catering to restaurants, fast-food services, and the packaged retail food sector.
- **Agriculture/horticulture infrastructure projects:** Developing cold chains, pack houses, mechanized handling facilities, food parks, and terminal markets can enhance the efficiency of the food processing sector.
- **New technology-based projects:** Exploring freeze/dried processing units, instant vegetables in retort pouches, and potato fabricated chips can introduce innovative and convenient food options to the market.
- **Innovation opportunities:** Gujarat offers scope for banana fiber extraction, opening avenues for sustainable and eco-friendly practices within the food processing industry.



DAIRY PROCESSING

Gujarat, being the fourth-largest milk producer in the country, presents significant prospects in the food processing industry. With Amul, recognized as the largest dairy in Asia, the thriving milk production sector forms a strong base for the development of various value-added dairy products.

■ Value-added products:

There is vast potential for producing Cheese, Paneer, Ghee, Yogurt, Baby Food, Skimmed Milk Powder, Milk Powder, Ready-To-Drink Chaach, Lassi (buttermilk), Ice-cream, and traditional milk products, such as, Sandesh, Payasam, Burfi, Dahi, Rasogolla, Srikhand, Kulfi, Probiotic Drinks, etc.

■ Innovation opportunities:

Gujarat offers opportunities for innovation in high-pressure technologies to develop clean-label dairy products. Additionally, exploring Cold microfiltration as an enabler of sustainable dairy protein ingredient innovation can open up new avenues for growth in the dairy sector.



READY-TO-EAT / READY-TO-COOK

Gujarat, renowned for its rich culinary heritage, offers excellent prospects in the food processing industry for ready-to-eat and ready-to-cook products, particularly focusing on traditional food items like Dhokla, Phaphda, and more. Some food processing opportunities can be focused -

- **Integrated units:** Investing in the development of integrated units with facilities for processing, preservation, packaging, and warehousing within designated Agro Parks across the State offers a promising investment
- **Ready-to-Eat Snacks:** Developing a range of ready-to-eat snacks, including packaged Dhokla, Phaphda, Khandvi, Thepla, and other traditional Gujarati delicacies, can cater to the increasing demand for convenient and traditional food options.
- **Ready-to-Cook Kits:** Offering ready-to-cook kits that contain pre-measured ingredients and easy-to-follow recipes for preparing Gujarati dishes at home can attract busy individuals and those looking for an authentic cooking experience.
- **Value-added Products:** Exploring innovative value-added products based on traditional Gujarati food, such as, frozen Dhokla or Phaphda, microwaveable Khaman, or flavoured varieties of Thepla, Khakhra can appeal to consumers seeking convenient yet traditional meal options.

09. GOVERNMENT OF INDIA SCHEMES FOR FOOD PROCESSING

9.1 SCHEMES UNDER MINISTRY OF FOOD PROCESSING INDUSTRIES⁶⁶

Support rendered under the scheme of Ministry of Food Processing Industries, Government of India are mentioned below:

9.1.1 PRADHAN MANTRI KISAN SAMPADA YOJANA (PMKSY)

Brief of Scheme

Given the nature and size of processing units operating in the food processing sector, investment requirements in basic infrastructure and common facilities are enormous. In order to attract private investment to the food processing sector, the Ministry of Food Processing Industries has taken various initiatives through schemes to develop infrastructure, expand processing capacity, and provide other supportive measures for the healthy growth of the industry. To streamline these efforts, all these schemes have been integrated under a comprehensive program called the Pradhan Mantri Kisan Sampada Yojana (PMKSY), which was launched on May 3rd, 2017.

PMKSY has the following component schemes.

- **Mega Food Parks**
- **Integrated Cold Chain and Value Addition Infrastructure**
- **Creation/Expansion of Food Processing & Preservation Capacities (Unit Scheme)**
- **Infrastructure for Agro-Processing Clusters**
- **Creation of Backward and Forward Linkages**
- **Food Safety and Quality Assurance Infrastructure**
- **Human Resources and Institutions**
- **Operation Greens**

PMKSY is a comprehensive package that aims to establish modern infrastructure with efficient supply chain management, spanning from the farm gate to the retail outlet. This initiative not only provides a significant boost to the growth of the food processing sector in the country but also contributes to better returns for farmers. It is a crucial step towards doubling farmers' income, generating substantial employment opportunities, particularly in rural areas. Additionally, it helps reduce agricultural produce wastage, promotes higher levels of processing, and enhances the export of processed foods.

⁶⁶ MoFPI | Annual Report (2022- 2023)

Initially approved with a budget of INR 6,000 Crore for the period 2016-20, aligned with the 14th Finance Commission cycle, PMKSY's timeline was subsequently extended to FY 2020-21. The Government has now decided to restructure the component schemes for implementation during the 15th Finance Commission, with a total outlay of INR 4,600 crore. This revision includes the provisions for committed liabilities of its component schemes such as Mega Food Park, Creation of Backward & Forward Linkages, and Human Resources and Institution - Skill Development, Promotion Activities and HACCP, as these components have been discontinued in the 15th FC cycle. The component scheme continued during the 15th Finance Commission Cycle for new projects are:

- **Integrated Cold Chain and Value Addition Infrastructure (ICC)**
- **Creation/Expansion of Food Processing & Preservation Capacities (CEFPPC)**
- **Infrastructure for Agro-Processing Clusters (APC)**
- **Food Safety and Quality Assurance Infrastructure (FTL)**
- **Human Resource and Institutions - R&D**
- **Operation Greens**

9.1.2

PRADHAN MANTRI FORMALISATION OF MICRO FOOD PROCESSING ENTERPRISES SCHEME (PMFME)

Introduction

In line with the Aatmanirbhar Bharat Abhiyan initiative, the Ministry of Food Processing Industries (MoFPI) has introduced a nationwide centrally sponsored scheme called the "PM Formalisation of Micro food processing Enterprises (PMFME) Scheme." This scheme aims to provide financial, technical, and business support to establish or upgrade micro food processing enterprises. It was approved by the Union Cabinet on 20th May 2020, and the scheme's guidelines were issued on 19th June 2020. The PMFME Scheme will be implemented over a period of five years, from 2020-21 to 2024-25, with a budget allocation of INR 10,000 Crore. The scheme aims to directly assist two lakh micro food processing units by providing credit-linked subsidies.

Objectives

Recognizing the significance of unorganized micro food processing enterprises and the obstacles they face; the Ministry of Food Processing Industries (MoFPI) is implementing the scheme by providing a comprehensive package of support and services. The objectives of the scheme are as under:

- **Increased access to credit by existing Micro Food Processing entrepreneurs, FPOs, Self Help Groups and Co-operatives.**
- **Integration with organized supply chain by strengthening branding & marketing**
- **Support for transition of existing 2,00,000 enterprises into formal framework.**
- **Increased access to common services like common processing facility, laboratories, storage, packaging, marketing, and incubation services.**
- **Strengthening of institutions, research, and training in the food processing sector.**
- **Increased access for the enterprises to professional and technical support.**

Provisions under the Scheme

Support for setting up / upgradation of Micro Food Processing Enterprises

- Support for setting up of new micro food processing enterprises and for upgradation of existing micro food processing enterprises are provided under the scheme.
- Organizations such as Individual entrepreneurs/ Proprietorship Firms/ Partnership Firms/ FPOs / NGOs / Cooperatives/ SHGs / Pvt. Ltd. Companies, who have established or propose to establish micro food processing unit, are eligible for financial assistance under the Scheme.
- Credit-linked capital subsidy @35% of the eligible project cost, maximum ceiling INR 10 lakhs per unit. Eligible project cost comprises cost of plant and machinery and technical civil work, but excludes cost of land/ rental or lease work shed. However, technical civil work should not be more than 30% of the eligible project cost.
- Beneficiary contribution - minimum of 10% of the project cost, balance loan from Bank.
- Applicant/Enterprise is eligible for bank loan under the Scheme, even if he has availed bank loan in other Subsidy Linked Schemes of Government. Applicant is also eligible for Interest Subvention and Top Up convergence with other relevant Government Sponsored Schemes. Lending Banks may consider sanctioning need based working capital limit to the beneficiaries, as admissible. However, no subsidy is provided on the working capital.

Support for setting up of common infrastructure Facilities

- Organisations such as Farmer Producer Organisations (FPOs)/ Farmer Producer companies (FPCs)/ Cooperatives/Self Help groups (SHGs) and its Federation/Govt. agencies, who have established or propose to establish food processing line along with common infrastructure/value chain/incubation centres are eligible for financial assistance under this component of the Scheme.
- Credit-linked capital subsidy @35% of the eligible project cost, maximum ceiling INR 3 Crore per unit would be provided. Eligible project cost comprises cost of plant and machinery and technical civil work but excludes cost of land/rental or lease work shed. However, technical civil work should not be more than 30% of the eligible project cost.
- Total eligible project cost should not exceed INR 10 Crore. There will be no pre condition of minimum turnover and experience of the applicant organization.
- The applicant organization's contribution should be minimum of 10% of the project cost with balance required funds being loan from Bank. Before applying on the portal, the applicant organization is also required to submit in-principal approval from the lending bank for the loan envisaged in the means of finance of the project.
- Assistance of INR 50,000/- per case is provided to the applicant organisation for preparation of Detailed project report.

Support to Self-Help Groups (SHGs)

- Seed capital @ INR 40,000/- per member of SHG for working capital and purchase of small tools
- Seed capital to be given as grant to the SHG Federations which should provide as a loan to the members of SHGs

Branding and Marketing Support

- Grant upto 50% for Branding and Marketing support to groups of FPOs/ SHGs/ Cooperatives or an SPV of micro food processing enterprises. It is to be provided for ODOP product at the State or regional level.
- Developing a common brand and packaging including standardization and common packaging for branding.
- Marketing tie-up with national and regional retail chains and State level institutions; and Quality control to ensure product quality meets required standards.
- Support to the said activity under provisions of marketing and branding could also bring competitive price realisation according to the targeted market and customer base.

Capacity Building

The capacity development aspect of the Scheme encompasses a wide range of initiatives aimed at empowering institutions, individuals, and groups. Training plays a pivotal role within this component. The Scheme aims to provide training to various stakeholders, including trainers such as Master Trainers and District Level Trainers, as well as District Resource Persons. Additionally, both existing and new food processing entrepreneurs, along with members of different groups such as Self-Help Groups (SHGs), Farmer Producer Organizations (FPOs), and Cooperatives, engaged in food processing activities, will receive training through the Food Processing Entrepreneurship Development Program. District Resource Persons (DRPs) are appointed by State Nodal Agencies (SNAs) to provide ongoing support to beneficiaries, including assistance with application filing, preparation of Detailed Project Reports (DPR), and guidance for formalization and operationalization processes.

9.1.3

PRODUCTION LINKED INCENTIVE SCHEME FOR FOOD PROCESSING INDUSTRY (PLISFPI)

The food processing industry in India includes manufacturing enterprises at all scales, ranging from micro to large industries. India possesses a competitive advantage due to its abundant resources, a sizable domestic market, and opportunities for promoting value-added products. To unlock the full potential of this sector, Indian companies need to enhance their competitive strength compared to global counterparts in terms of output scale, productivity, value addition, and their integration into the global value chain.

The Central Sector Scheme known as the Production Linked Incentive Scheme for Food Processing Industry (PLISFPI) aims to support the establishment of global food manufacturing champions in line with India's abundant natural resources. It also aims to promote Indian food product brands in international markets. The scheme has a budget allocation of INR 10,900 crore. The PLISFPI has been developed based on the Production Linked Incentive scheme of NITI Aayog under the "Aatma Nirbhar Bharat Abhiyaan for Enhancing India's Manufacturing Capabilities and Enhancing Exports." The scheme will be implemented over a period of six years, from 2021-22 to 2026-27.

The objectives of the scheme are to provide support to food manufacturing entities that meet the specified minimum sales criteria and are willing to make the required minimum investment for expanding their processing capacity. The scheme also aims to offer branding support for promoting Indian brands in international markets, with the intention of incentivizing the development of strong Indian food product brands. The scheme seeks to not only facilitate the establishment of global food manufacturing champions but also to enhance the presence and acceptance of selected Indian food product brands in international markets. In addition, the scheme aims to generate more employment opportunities in non-farm sectors, ensure better prices for agricultural produce, and increase income for farmers.

The first component of the Scheme focuses on providing incentives for the manufacturing of four primary food product segments, namely *Ready to Cook/ Ready to Eat (RTC/ RTE) foods, including products based on millets, processed fruits & vegetables, marine products, and mozzarella cheese.* The second component is dedicated to the production of innovative and organic products by Small and Medium Enterprises (SMEs) in these four segments. This includes products such as free-range eggs, poultry meat, and egg products. The third component is centered around offering support for branding and marketing activities overseas. This aims to encourage the development of strong Indian brands through in-store branding, renting of shelf space, and marketing initiatives.

An additional element pertaining to Millet Based Products was incorporated into the scheme. This inclusion aimed to promote the utilization of millets in Ready to Cook/Ready to Eat (RTC/RTE) products and provide incentives for their value addition and sale in both domestic and export markets under the PLI Scheme. The millet-based products with over 15% millet content by weight/volume are covered under this component.

Approved Applications under PLISFPI Scheme

SCHEME	SEGMENT	NO. OF APPROVALS	TOTAL
CATEGORY 1	RTE/RTC	12	56
	Fruits & Vegetables	29	
	Marine	11	
	Mozzarella Cheese	4	
CATEGORY 2	Innovative	2	16
	Organic	14	
CATEGORY 3	B&M	78	78
PLISMBP	Large Entities	8	30
	MSME	22	

Achievements of MoFPI schemes in Gujarat (as on date: 31.05.2023)⁶⁷

PRADHAN MANTRI KISAN Sampada YOJANA (PMKSY) SCHEME

SCHEME NAME	NO. OF PROJECTS APPROVED	TOTAL PROJECT COST (INR CR.)
MEGA FOOD PARK	2	272.91
COLD CHAIN	29	1167.46
AGRO PROCESSING CLUSTERS	4	91.62
CEFPPC UNIT/ FOOD PROCESSING UNIT	40	589.43
CREATION OF BACKWARD AND FORWARD LINKAGES	8	164.42
FOOD TESTING LABORATORY	18	86.82
OPERATION GREENS	8	514.43

PRODUCTION LINKED INCENTIVE SCHEME FOR FOOD PROCESSING INDUSTRY (PLISFPI)

SCHEME NAME	NO. OF PROJECTS APPROVED	TOTAL PROJECT COST (INR CR.)
FOOD PROCESSING FACTORIES UNDER PLI (production linked incentive)	38	1246.19

PRADHAN MANTRI FORMALIZATION OF MICRO FOOD PROCESSING ENTERPRISE SCHEME (PMFME)

SCHEME NAME	NO. OF PROJECTS APPROVED
MICRO ENTERPRISES APPROVED UNDER FME (Formalisation of Micro Food Processing Enterprises Scheme)	127 (as on 07-06-2023)

⁶⁷ Ministry of Food Processing Industries

9.2 SCHEMES BY ALLIED MINISTRIES

Support rendered under various schemes of Allied Ministries of the Government of India is mentioned below:

1 **Mission for Integrated Development of Horticulture (MIDH) Scheme⁶⁸**

A centrally sponsored scheme under the Ministry of Agriculture and Farmers Welfare for the holistic growth of the horticulture sector covering fruits, vegetables, root & tuber crops, mushrooms, spices, flowers, aromatic plants, coconut, cashew, cocoa, and bamboo. Under MIDH, financial assistance is provided for following major interventions/activities:

- Setting up of nurseries, tissue culture units for production of quality seed and planting material;
- Area expansion i.e. Establishment of new orchards and gardens for fruits, vegetables, and flowers;
- Rejuvenation of unproductive, old, and senile orchards;
- Protected cultivation, i.e. poly-house, green-house, etc, to improve the productivity & grow off season high value vegetables and flowers;
- Organic farming and certification;
- Creation of water resources structures and watershed management;
- Bee-keeping for pollination;
- Horticulture Mechanization;
- Creation of Post Harvest Management and Marketing infrastructure.

2 **National Agriculture Infra Financing Facility (NAIFF) Scheme⁶⁹**

The National Agriculture Infra Financing Facility (NAIFF) is an online single window facility under the aegis of the Department of Agriculture & Farmers Welfare. The objective of the initiative is to provide impetus for development of farm gate & aggregation point, affordable and financially viable Post Harvest Management infrastructure, with a financing facility worth INR 1,00,000 Crores, by converging all schemes of central & State Governments.

3 **Fisheries and Aquaculture Development Infrastructure Fund (FIDF)⁷⁰**

Government of India has created a dedicated fund, FIDF, implemented by the National Fisheries Development Board with a total fund outlay of INR 7522.48 crore (US\$ 940.31 Million). Under FIDF, creation of fisheries infrastructure facilities both in marine and inland fisheries sectors are augmented, including fishing harbours, fish landing centres, construction of ice plants, cold storage, transport facilities etc.

⁶⁸ Mission for Integrated Development of Horticulture (MIDH)

⁶⁹ National Agriculture Infra Financing Facility

⁷⁰ Department Of Fisheries

4 Pradhan Mantri Matsya Sampada Yojana (PMMSY) Scheme⁷¹

Pradhan Mantri Matsya Sampada Yojana (PMMSY) is a flagship scheme under the Department of Fisheries, Ministry of Fisheries, Animal Husbandry and Dairying to facilitate the Blue Revolution, promoting sustainable and accountable growth in the fisheries industry in India, an approximate investment of INR 20050 crores (US\$ 2.51 Billion) has been allocated. This investment aims to ensure comprehensive development of the fisheries sector, while also prioritizing the well-being of fishers. Supporting activities under PMMSY:

- Enhancement of Production and Productivity
- Infrastructure and Post-harvest management
- Fisheries management & Regulatory framework

5 Animal Husbandry Infrastructure Development Fund (AHIDF)⁷²

The Department of Animal Husbandry and Dairying is implementing the Animal Husbandry Infrastructure Development Fund (AHIDF) scheme with an outlay of INR 15000 crore (US\$ 1.88 Billion) under the Atma Nirbhar Bharat Abhiyan stimulus package. The objective of the scheme is to help increase milk and meat processing capacity and product diversification in the country.

6 Dairy Processing & Infrastructure Development Fund (DIDF)⁷³

DIDF is implemented with a total outlay of INR. 11,184 crores with National Bank for Agriculture and Rural Development (NABARD), comprising a corpus fund of INR 8004 crores have been set up for the creation of dairy processing infrastructure. The objective is to provide subsidized loans @6.5% to capital-stressed milk cooperatives for replacing their decades-old chilling and processing plants and addition of value-added product plants. The National Dairy Development Board (NDDB) is the implementing agency of the fund.

7 Agriculture Export Promotion Plan Scheme of APEDA (Agricultural and Processed food Products Export Development Authority)⁷⁴

The Agriculture Export Promotion Plan Scheme of APEDA supports the development and promotion of export of products like, Fruits, vegetables and their products, Meat and meat products, Poultry and poultry products, Dairy products, Confectionary, biscuits, and bakery products, etc. The scheme is designed to boost agricultural product exports, offers support to exporters by addressing challenges in the industry. It accomplishes this by understanding exporter difficulties, providing necessary assistance to overcome obstacles, and offering financial aid in areas such as export infrastructure development, quality enhancement, and market expansion. The scheme focuses on three broad components viz,

- Infrastructure Development
- Market Development
- Product Quality Development

8 Credit Linked Capital Subsidy Scheme (CLCSS) of Ministry of MSME (Ministry of Micro, Small and Medium Enterprises)⁷⁵

The objective of the CLCSS Scheme is to facilitate technology up-gradation in MSEs by providing interest subsidy on upgrade of plant & machinery with State-of-the-art technology. The scheme provides an upfront capital subsidy of 15% (on institutional finance of upto INR 1 crore availed by them) for induction of well-established and improved technology.

⁷¹ Pradhan Mantri Matsya Sampada Yojana

⁷² Animal Husbandry Infrastructure Development Fund (AHIDF) | Department of Animal Husbandry and Dairy

⁷³ Dairy processing & Infrastructure Development Fund (DIDF) | Department of Animal Husbandry and Dairy

⁷⁴ Agriculture And Processed Foods Export Promotion Scheme of APEDA for the 15th Finance Commission Cycle (2021-22 To 2025-26)

⁷⁵ Credit Linked Capital Subsidy Scheme for Technology Upgradation | Ministry of Micro, Small & Medium Enterprises Credit Linked Capital Subsidy Scheme

9

Venture Capital Assistance Scheme of SFAC (Small Farmers' Agri-Business Consortium)⁷⁶

Venture Capital Assistance is financial support in the form of an interest-free loan provided by SFAC (Small Farmers' Agri-Business Consortium) to qualifying projects to meet the shortfall in the capital requirement for the implementation of the project.

10

A Scheme for Promotion of Innovation, Rural Industry and Entrepreneurship (ASPIRE)⁷⁷

ASPIRE- A scheme for promotion of Innovation, Rural Industry and Entrepreneurship, is being implemented by the Ministry of Micro, Small & Medium enterprises (MSME). The objective of the scheme is to set up a network of technology centres and to set up incubation centers to accelerate entrepreneurship and to promote startups for innovation in the agro-industry. The scheme also envisages programmes to facilitate Forward and Backward linkages with multiple value chain of manufacturing and service delivery will also be put in place

11

Pradhan Mantri Kaushal Vikas Yojana (PMKVY)⁷⁸

PMKVY is the flagship scheme of the Ministry of Skill Development & Entrepreneurship (MSDE), implemented by National Skill Development Corporation. The objective of the PMKVY scheme is to encourage and promote skill development in the country by providing free short-duration skill training and incentivizing this by providing monetary rewards to youth for skill certification. The overall idea was to boost the employability of youth corresponding to the industrial demand. The scheme can be leveraged for skill development in the food processing sector



⁷⁶ Small Farmers' Agri-Business Consortium | Venture Capital Assistance Scheme

⁷⁷ A Scheme For Promotion Of Innovation, Rural Industries & Entrepreneurship (ASPIRE) | Ministry of Micro, Small & Medium Enterprises

⁷⁸ Pradhan Mantri Koshal Vikas Yojana | Ministry of Skill Development & Entrepreneurship

9.3

GOVERNMENT OF INDIA INCENTIVES FOR THE FOOD PROCESSING SECTOR

Income tax incentive to the Food Processing sector⁷⁹

- 100% deduction profits and gains for new Food Processing Units for the initial 5 assessment years and 25% (30% for companies) for the next 5 years.
- 100% deduction on the expenditure on capital invested for setting up and operating Cold Chain and Warehouse Storage facilities for agricultural produce.



Agro-Processing included in Priority Sector Lending

- Loans for food and agro-processing up to an aggregate sanction limit of INR 100 crore per borrower classified under agricultural activity for Priority Sector Lending (PSL) - RBI Master Directions dated 4th September, 2020.
- Loans to MSMEs engaged in "food and agro-processing" are eligible for classification under Priority Sector Lending (PSL).



100% FDI permitted

- 100% FDI permitted under automatic route in manufacturing of food products since 2016-17.
- 100% FDI allowed through Government-approval route for retail trading, including through e-commerce, in respect of food products manufactured/ produced in India since 2016-17.



Automatic Route

Under the Automatic Route, the non-resident investor or the Indian company does not require any approval from the Government of India for the investment.

Government Route

Under the Government Route, prior to investment, approval from the Government of India is required. Proposals for foreign direct investment under Government route, are considered by respective Administrative Ministry/ Department.

⁷⁹ "Key Reforms in the Food Processing Sector Since 2014-15" | MoFPI

10. STATE GOVERNMENT INITIATIVES AND SCHEMES

Gujarat has always endeavoured to provide a hassle-free business environment to enable investors. The Gujarat State Government has implemented numerous reforms to create a conducive and investor-friendly business environment for those interested in establishing their businesses within the State. The table below highlights some of the key initiatives undertaken by the State Government :

Single Window Portal (Gujarat Investor Facilitation Portal)



The portal serves as a comprehensive platform where investors can conveniently access and apply for all State-related business approvals based on their specific requirements. Its purpose is to support investors by facilitating a transparent, efficient, and convenient process that is free of unnecessary complications.

 ifp.gujarat.gov.in

State Industrial Land Bank

A GIS (Geographic Information System) system for displaying the availability of land and infrastructure with details about all State-owned industrial estates along with the prevailing land rates, connectivity and utility infrastructure.



 gujarat.ncog.gov.in

Central Industrial Land Bank Portal

A GIS-based portal covering industrial parks serving as a one-stop repository of all infrastructure-related information, such as, connectivity, infra, natural resources and terrain, plot-level information on vacant plots and contact details.

 iis.ncog.gov.in

Key Initiatives in farming & agriculture sectors



In order to support farmers and enhance their self-reliance, the Gujarat Government has introduced seven schemes under the "Saat Pagla Khedut Kalyanna" initiative. These initiatives include the Kisan Parivahan Yojana, Mukhyamantri Pak Sangraha Structure Yojana, and assistance in covering the maintenance costs of cows for farmers, among others. These measures aim to provide significant benefits to farmers and empower them in their agricultural pursuits.

Net SGST Reimbursement

- Assistance to Large Industries and Thrust Sector (Agro and Food Processing) -
 - Category 1- 100% of net SGST for 10 years upto 8% of eFCI p.a
 - Category 2- 90% of net SGST for 10 years upto 7% of eFCI p.a.
 - Category 3- 80% of net SGST for 10 years upto 5.5% of eFCI p.a.
- Mega Industrial Unit - @ at 100% of net SGST subject to maximum 0.9% of eFCI p.a. for 20 years

Large and Mega Industries and Thrust Sector (Agro and Food Processing)

Interest subsidy

- Assistance to Large Industries and Thrust Sector (Agro and Food Processing) -
 - Category 1- @ 7% on Term Loan for 10 years upto 1.2% of eFCI p.a.
 - Category 2- @ 7% on Term Loan for 10 years upto 1% of eFCI p.a.
 - Category 3- @ 7% on Term Loan for 8 years upto 1% of eFCI p.a.
- Mega Industrial Unit - @7% on Term Loan subject to maximum of 1.2% of Eligible Fixed Capital Investment p.a for 10 years

11. REGULATORY FRAMEWORK: REGISTRATION/NOCS/ LICENSES

Table below represents the indicative information regarding Regulatory Mechanism available in the State of Gujarat.

FOR STARTING OPERATIONS

S.No	Name of Service	Authority/ Agency/ Office/ Department officer granting approval
1.	License for Cold Storage	Commissioner of Food Safety
2.	Registration under FSSAI Act,2006, Regulation 2011	FSSAI, Government of India Health & Family Welfare Department, & Food Safety
3.	License under FSSAI Act, 2006, Regulation 2011	FSSAI, Government of India Health & Family Welfare Department, & Food Safety
4.	License under Contract Labour Act, (Regulation and Abolition), 1970	Labour Commissionerate
5.	Registration under GST (Goods and Services Tax Rules, 2017)	Department of Commercial Tax
6.	Consolidated Consent & Authorization under Water Act, 1974, Air Act, 1981 & Authorization under The Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016	Gujarat Pollution Control Board
7.	Application for Pre-Operational Fire NOC (National Building Code, 2005)	Gujarat Pollution Control Board Urban Development & Urban Housing Department

FOR SETTING UP OF BUSINESS

S.No	Name of Service	Authority/ Agency/ Office/ Department officer granting approval
8.	Land allotment in departmental industrial estates	Gujarat Industrial Development Corporation
9.	Application for Land / Plot Allotment	Gujarat Industrial Development Corporation
10.	Application for new connection LT / HT line non-domestic / industrial	Region-wise Electricity Board authorities, including Paschim Gujarat Vij Company Ltd./Dakshin Gujarat Vij Company Ltd.
11.	Application for Water Connection	Gujarat Industrial Development Corporation
12.	Application for Water Connection	Gujarat Industrial Development Corporation
13.	Application for building plan approval	Urban Development & Urban Housing Department
14.	Application for Completion cum Occupancy Certificate	Urban Development & Urban Housing Department
15.	Consent to Establish under Water (Prevention and Control of Pollution) Act, 1974	Gujarat Pollution Control Board
16.	Consent to Establish under Air (Prevention and Control of Pollution) Act, 1981	Gujarat Pollution Control Board
17.	Consent to Operate under Air (Prevention and Control of Pollution) Act, 1981	Gujarat Pollution Control Board
18.	Application for Pre Establishment Fire NOC (National Building Code, 2005)	Urban Development & Urban Housing Department
19.	Site Plan Approval under the Factories Act, 1948	Urban Development & Urban Housing Department

12. MAJOR PLAYERS IN FOOD PROCESSING AND ALLIED SECTORS⁸¹

BENEFICIARIES UNDER PLI SCHEME OF MOFPI, GOVERNMENT OF INDIA

NAME OF THE FIRM	LOCATION
Balaji Wafers Private Limited	Rajkot, Valsad, Kalawad, Vadodara
Gadre Marine Export Private Limited	Chorwad
Iscon Balaji Foods Private Limited	Himatnagar, Kheda
Gujarat Co-operative Milk Marketing Federation Limited	Banaskantha, Mehsana, Gandhinagar, Anand, Khatraj, Godhra, Navipardi, Patan, Rajkot, Kutch, Sabarkantha, Mogar, Palanpur
Everest Food Products Limited	Umbergaon
Foods and Inns Limited	Valsad, Bular
Parle Biscuits Private Limited	Sanand
Nestle India Limited	Sanand
Prataap Snacks Limited	Jamnagar

⁸¹ Ministry of Food Processing Industries

BENEFICIARIES UNDER INTEGRATED COLD CHAIN AND VALUE ADDITION INFRASTRUCTURE SCHEME, UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
Hi-Tech Frozen Facilities Pvt Ltd.	Surat
Sabarkantha Dist. Co-op Society	Sabarkantha
Natural Frozen & Dehydrated Foods	Bhavnagar
Gayatri Dairy Products Pvt. Ltd	Mehsana
Asandas & Sons	Mehsana
Innovative Cuisine Pvt. Ltd.	Vadodara
Panchmahal Dist Co-Operative Milk Producers' Union Ltd.	Panchmahal
Vimal Dairy Pvt. Ltd	Mehsana
Mehsana Dairy & Food Products Ltd	Mehsana
Kitchen Xpress Overseas Ltd.	Mehsana
Sabarkantha District Co-operative Milk Producers' Union Limited	Sabarkantha
Ahmedabad District Co - operative Milk Producer's Union Limited	Ahmedabad

BENEFICIARIES UNDER CREATION / EXPANSION OF FOOD PROCESSING & PRESERVATION CAPACITIES (CFPPC) SCHEME, UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
M/s Instantly Yours Inc.	Surat
M/s Amara Bio Extracts LLP	Surat
M/s Poshtik Food Products LLP	Surat
M/s Mai Yummy Food Products	Surat
M/s My Choice Food Products	Surat
M/s Shree Hari Fruit Drinks	Surat
M/s Shreeji Krupa Fruit Juices	Surat
M/s Blue Bird Foods India Pvt. Ltd	Surat

BENEFICIARIES UNDER MEGA FOOD PARK SCHEME (MFP), UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

PROJECT NAME	LOCATION
Gujarat Agro Infrastructure Mega Food Park Pvt Ltd	Surat

BENEFICIARIES UNDER INFRASTRUCTURE FOR AGRO-PROCESSING CLUSTERS SCHEME (APC) , UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
M/s Patel Retail Pvt. Ltd.	Kutch
M/s Shukun Builders Private Limited	Banaskantha
M/s Maharaja Dehydration Pvt. Ltd.	Bhavnagar

BENEFICIARIES UNDER SCHEME FOR CREATION OF BACKWARD AND FORWARD LINKAGES SCHEME, UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
Panchmahal District Cooperative Milk Producers Union Limited	Panchmahal
Shakti Cashew Industries	Rajkot
M/s Austin Foods and Beverages Pvt Ltd	Anand
M/s Fable Food Products Pvt Ltd	Valsad
M/s Aarkay Food Products Ltd	Ahmedabad
M/s Vasant Masala Private Limited	Gandhinagar
M/s Shreeji Wellness Pvt Ltd	Mehsana

BENEFICIARIES UNDER FOOD SAFETY & QUALITY ASSURANCE INFRASTRUCTURE SCHEME, UNDER PMKSY SCHEME OF MOFPI, GOVERNMENT OF INDIA (OPERATIONAL UNITS)

NAME OF THE FIRM	LOCATION
Regional Food Laboratory	Bhuj

13. LIST OF FARMER PRODUCER ORGANISATIONS

A total of 355 Farmer Producer Organisations (FPO) are present in the State of Gujarat and out of these the following indicative list represents FPOs with major crop/produce production of the State. The details of FPOs in the State are available at APEDA Farmer Connect FPO Directory.



NAME OF THE FIRM	ADDRESS / CONTACT	COMMODITY
Arvind Enterprise	Keshod	Groundnut
Bhal Mahila Agri-Producers Company Limited	Dholera	Cumin, Dill seed and Mustard
Bhe Khedut Uatpadak Sahkari mandli Ltd	Patel Faliya,Dadur Ta Garbada dist Dahod pin-389155	Soyabean, Maize, Chilli, Paddy, Tomato, Brinjal, Okra, Food grains
Boriyala Khedut Uatpadak Sahkari mandli Ltd	Holi Faliya, at Sahada Ta Garbada dist Dahod pin-389155	Soyabean, Chilli, Paddy, maize, Tomato, Brinjal, Okra, Food grains
Chatrasal Khedut Utpadak sahkari mandli Ltd	Amlı Menpur, Mandir Faliya, Dhanpur Taluka, Dahod Pin 389382	Soyabean, Maize, Chilli, Tomato, Brinjal, Okra, Food grains
Chhapparwad Khedut Utpadak Sahkari Mandli Ltd	Po-Chhapparwad,Opp-Bus stop,Ta-Limkheda,Dis-Dahod Pin 389140	Maize, Chilli, Paddy, Tomato, Brinjal, Okra, Food grains
Krishidhara Producer Co.Ltd	House Number-10 Village Motipura (Savela), Bayad Aravalli, Aravalli, Sabar Kantha, Gujarat, India, 383340	Dairy
Dhatarvadi Farmer Agro Producer Co. Ltd	B-6, Shikshak Society, Rajula	Cumin, Turmeric
Shree Kutchi Leva Patel Samaj Farmer Producer Company Limited	Klp Edu And Medical Trust, Opp.Bsnl Quarten, Nr Leva Patel Hospital, Bhuj, Kachchh, Gujarat, India,	Pomegranate, Datepalm, Banana, Papaya, Mango, Cotton, Castor, Groundnut, Dragon fruit, Chilli, Wheat, Vegetable, Fruits
Dhavdi Seeds Private Limited	Plot No, 3 Survey No, 4 ATPO Kadiyana TA, Halvad Dist, Morbi Gujarat 363330 India	Mango, Banana, Green Chilli, Onion, Cumin, Castor, All Crops
GIR KRUSHI VASANT PRODUCER COMPANY LIMITED	Shop no. 1, Near Post Office, Jamvala Road, Gir Gadhada, Gir SomnathGujarat 362530	Mango, Groundnut, Onion, Garlic and pulses
Netrang Pulse Crop Producer Company Ltd.	C/o Anujibhai Bhikhji Bhai Vasava 3, Vadkhunta. Post : Vadkhunta, Tal : Jhagadia, Dist : Bharuch, Gujarat.	Pulses Programme-Pigeon Peas, Green Gram, Black Gram , Gram and Cotton

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eco-division@mofpi.gov.in



+91 11- 26491810





mofpi.gov.in
worldfoodindia.gov.in


Knowledge Partner – Ernst and Young


KEY CONTACT

Gujarat Industrial Development Corporation


 Block 3,4,5, Udhyog Bhavan, Sector-11, Gandhinagar-382011, Gujarat, India.


 +91 79 23250636


 <https://gfdc.gujarat.gov.in/>


 gfdc@gujarat.gov.in

Directorate of Agriculture, Gujarat

 Sector- 10 A, CH Road, Krishi Bhavan, Gandhinagar, Gujarat, India.

 91- 079-23256116

 <https://dag.gujarat.gov.in/>

 jtdir-agr-ahd@gujarat.gov.in



**Ministry of Food Processing Industries,
Government of India
Panchsheel Bhawan,
New Delhi - 110049,
India**

mofpi.gov.in

@ministryoffoodprocessingin4060



@MOFPIIndia



MOFPI Government of India

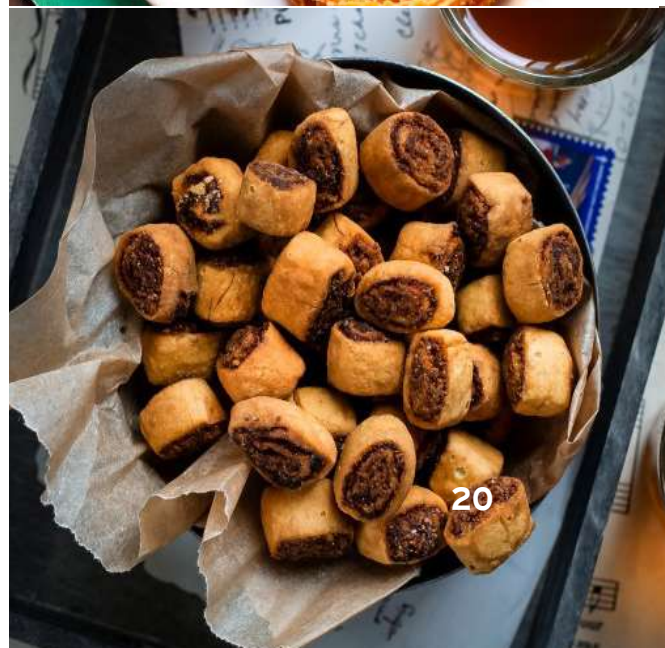


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- **Value-added Products:** Exploring innovative value-added products based on traditional Gujarati food, such as, frozen Dhokla or Phaphda, microwaveable Khaman, or flavoured varieties of Thepla, Khakhra can appeal to consumers seeking convenient yet traditional meal options.
- **Packaging and Branding:** Creating attractive and informative packaging, highlighting the authenticity and uniqueness of Gujarati cuisine, can help in positioning the products effectively in the market and appealing to a wider consumer base.
- **Export Potential:** Traditional Gujarati food items have a significant potential for export, targeting the Indian diaspora and international consumers interested in exploring diverse cuisines. Adapting packaging, labelling, and complying with international food regulations can facilitate entry into the global market.
- **Technology and Innovation:** Embracing technological advancements, , such as, modified atmosphere packaging (MAP) to enhance shelf life and investing in research and development for new product formulations, can drive innovation and competitiveness in the ready-to-eat and ready-to-cook segment.
- **Collaboration with Farmers and Suppliers:** Building strong collaborations with local farmers and suppliers of traditional ingredients can ensure a steady supply chain of high-quality raw materials, supporting the authenticity and taste of the products.

To tap into these opportunities, it is crucial to prioritize quality control, adhere to food safety regulations, and invest in marketing and distribution channels. Additionally, conducting market research, understanding consumer preferences, and promoting the uniqueness of traditional Gujarati food can contribute to the success of food processing ventures in Gujarat.



Scheme for assistance for Start-up/Innovation 2020



The Government of Gujarat has introduced the Start-up Policy in August 2020 as part of the Scheme for Assistance for Start-up/Innovation 2020. This initiative aims to promote and support start-ups while bolstering the overall ecosystem in the State of Gujarat. As part of this policy, the government is providing incentives, specifically in the form of seed support. Start-ups can receive support of up to INR 30 Lakhs based on their expenditure on market research, testing and trials, as well as the cost of raw materials.

Key incentives introduced by State Government of Gujarat for the the thrust sector under its major policies are summarized in the table below

KEY INITIATIVES	AATMANIRBHAR GUJARAT SCHEME 2022 ⁸⁰
Micro Enterprise and Micro, Small and Medium Enterprises in manufacturing sector	
Capital Investment subsidy	Only Micro Enterprise <ul style="list-style-type: none"> ■ Category 1 - 25% of term loan amount upto INR 35 lakhs ■ Category 2- 20% of term loan amount upto INR 30 lakhs ■ Category 3 - 10% of term loan amount upto INR 10 lakhs
Interest subsidy	<ul style="list-style-type: none"> ■ Micro, Small and Medium Enterprises in the manufacturing sector <ul style="list-style-type: none"> ■ Category 1 - @7% on Term Loan with the maximum amount of INR 35 lakhs per annum for a period of 7 years. ■ Category 2- @6% on Term Loan with the maximum amount of INR 30 lakhs per annum for a period of 6 years. ■ Category 3 - @5% on Term Loan with the maximum amount of INR 25 lakhs per annum for a period of 5 years. ■ 1% additional interest subsidy to differently-abled entrepreneur, Women entrepreneur and registered startup in manufacturing sector. ■ 1% additional interest subsidy to young entrepreneur below age of 35 years on the date of sanction of term loan

⁸⁰ AATMANIRBHAR GUJARAT SCHEMES FOR ASSISTANCE TO INDUSTRIES 2022





----- **SESAMUM** based products
Morbi



----- **SOYABEAN** based products
Dahod



----- **TUR** based products
Vadodara



----- **VEGETABLE**
based products
Sabarkantha



----- **WHEAT** based products
Ahmedabad



----- **SORGHUM** based products
Tapi