

# Business Opportunity in Food Processing & Agro Processing Industry

*Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule, Working Capital Requirement, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis*



# Introduction

**Food processing, any of a variety of operations by which raw foodstuffs are made suitable for consumption, cooking, or storage.**

**A brief treatment of food processing follows. For fuller treatment of storage methods, see food preservation.**

**Food processing generally includes the basic preparation of foods, the alteration of a food product into another form (as in making preserves from fruit), and preservation and packaging techniques.**



# **Importance of Food Processing**

**All the raw food materials are processed to improve their palatability, nutritional value and shelf-life.**

- 1) Preservation for later consumption or sale to fetch better price**
- 2) Removal of inedible portions**
- 3) Destruction or removal of harmful substances**
- 4) Conversion to forms desired by the consumer and**
- 5) Subdivision into food ingredients.**



**India is the world's second largest producer of food next to China, and has the potential of being the biggest with the food and agricultural sector. The total food production in India is likely to double in the next ten years and there is an opportunity for large investments in food and food processing technologies, skills and equipment, especially in areas of Canning, Dairy and Food Processing, Packaging, Frozen Food/Refrigeration and Thermo-Processing.**



**India's regional and cultural diversity is perfectly reflected in food.**

**India has about 26 types of different climatic conditions, 46 varieties of soils are there in India out of total 60 types of soils worldwide. 127 'agro climatic zones' have been identified in India.**

**Also, Indian food is known worldwide for its unique taste and aroma.**



## **Market Outlook**

**India's food processing sector ranks fifth in the world in exports, production and consumption.**

**India produces nearly 16% of the world's total food grain production. It is one of the largest producers of agricultural produce. With a population expected to reach to about 590 million people by 2030 in urban India, India has a huge potential domestic demand for processed foods other than the demand from the exports. There are many socio-economic factors that are driving the demand side of the Indian Food Processing Industry.**



**The changing consumption patterns, both in tier 1 and tier 2 cities, rising income levels among the middle-class and changing lifestyles, are some of the factors providing the demand side push for the Food Processing Industry.**

**India Food Processing Industry is estimated at \$135 billion industry which is growing at about 8% annually. This growth rate is significantly more than agricultural growth rate which remains around 4%.**



**The Indian food industry is poised for huge growth, increasing its contribution to world food trade every year. In India, the food sector has emerged as a high-growth and high-profit sector due to its immense potential for value addition, particularly within the food processing industry. The food industry, which is currently valued at US\$ 39.71 billion is expected to grow at a Compounded Annual Growth Rate (CAGR) of 11 per cent to US\$ 65.4 billion by 2018. Food and grocery account for around 31 per cent of India's consumption basket. The Food Processing Industry accounts for almost 32 per cent of the total food market in India.**



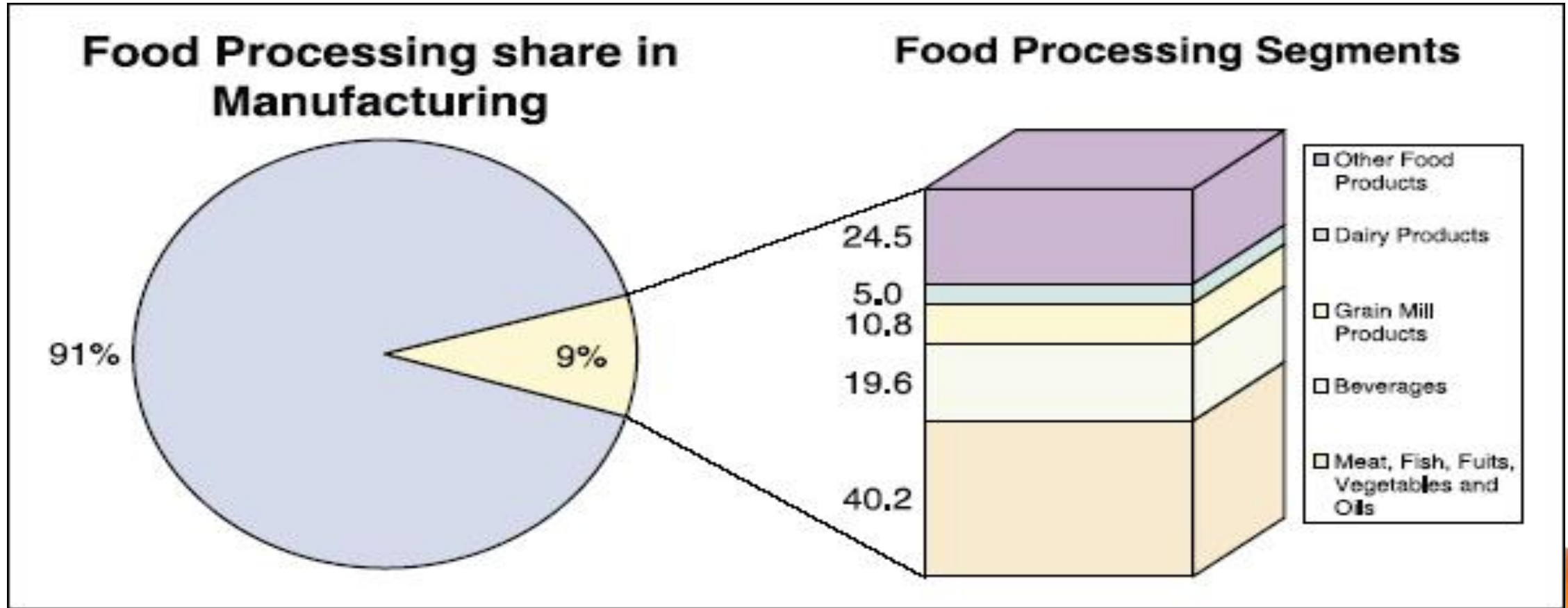


**The organised food business in India is currently worth US\$ 48 billion, of which food delivery is valued at US\$ 15 billion.**

**The online food delivery industry grew at 150 per cent year-on-year with an estimated Gross Merchandise Value (GMV) of US\$ 300 million in 2016.**



# Food Processing Segments



## India's Exports of Processed Foods and Related Items in US\$ (Billion)



**Demand for processed food rising with growing disposable income, urbanisation, young population and nuclear families.**

**During FY11–15, India's exports of processed food and related products (inclusive of animal products) increased at a CAGR of 23.3 per cent to USD21.5 billion. In FY16\*, India's exports stood at USD6.43 billion.**



# Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on

Food Processing and Agriculture Based Projects, Snack Food,  
Frozen Food, Agro Processing Technology, Processed Food,  
Instant Food, Food Industry, Food Preservation, Canned  
Food, Packed Food, Ready to Eat Food, Cereal Food, Pickle,  
Grain Milling, value added Products



## ➤ **Baby Cereal Food**

**Food is mainly composed of three main groups of constituents i.e. carbohydrates, fat & protein. In addition to this there must be some inorganic minerals & organic substances e.g. vitamins, Iron, Mg etc. The body cereal foods is that enriched food which has a requisite level of nutrition. This requisite level is prescribed by various dietricians and physicians for children....[Read more](#)**



## ➤ Dehulled Sesame Seeds

**Sesame is commonly known as Till. Its botanical name is Sesamum indicum L. It is one of the earliest domesticated plants. It is a short duration crop grown throughout the year. The seeds of the plant yield edible oil. Sesame seed is rich in fat, protein, carbohydrates, fiber and some minerals. The aroma and taste of the seed are mild and delicious....[Read more](#)**



## ➤ Caramel Colour from Sugar

**Caramel is a well-known Pure and simple, brown means flavor and staple commercial material. It is an amorphous, dark brown material that has been produced by the carefully controlled heat treatment of saccharine materials such as dextrose, invert sugar, lactose, malt syrup, molasses, sucrose, starch hydrolysates and fractions thereof, etc....[Read more](#)**





## ➤ **Flour Mill**

**Wheat is grown in most parts of the world, from near arctic to near equatorial latitudes. It is the most important crop among the cereals by area planted and is followed in importance by corn, barley and sorghum. The amount of wheat traded internationally exceeds that of all other grains. Furthermore, the protein and caloric content of wheat is greater than that of any other food crop.....[Read more](#)**



## ➤ Pan Chutney

**The Betel (Piper betle) is the leaf of a vine belonging to the Piperaceae family, which includes pepper and kava. It is valued both as a mild stimulant and for its medicinal properties. Betel leaf is mostly consumed in Asia and elsewhere in the world by some Asian emigrants, as betel quid or paan, with or without tobacco, in an addictive psycho-stimulating and euphoria-inducing formulation with adverse health effects....[Read more](#)**



## ➤ **Food Processing Unit (Pulses & Dates)**

**The food processing industry has been identified as a thrust area for development. This industry is included in the priority-lending sector. India produces over 200 million tonnes of food grain and 13 million tonnes of fruits and vegetables....[Read more](#)**



## ➤ Dehydrated Garlic Powder

**Garlic powder means garlic in powder form. Powder form means moisture less or dehydrated form. The garlic powder is manufactured by many large scale and small scale food processing units in India. It is used in flavouring of many food products and in ayurvedic medicines....[Read more](#)**



## ➤ **Pectin from Citrus, Lemon, Orange Peels & Apple Pomace**

**Fruits naturally possessing relatively large amount of pectin include lemons, bitter oranges, apples, quinees, currants and plums. It is less plentiful in fruits such as black berries, raspberries, strawberries and cherries....[Read more](#)**



## ➤ Sweet Scented Supari (Betel Nut)

**Betel nut chewing has been practiced by natives in various countries since times. It is planted in Bengal, Mysore, Sri Lanka etc. It is found in various places and its yield is different due to changed climate. It is used to refresh the mouth and breathe with its flavour....[Read more](#)**



## ➤ **Processed and Dehydrated Gherkins**

**Gherkin, a cucurbitaceous crop grown for pickling of raw fruits, was introduced to India in 1990. The product has demand for exports. India has an advantage of being able to grow the crop throughout the year in contrast to other major producing countries, where it can grow only for three months....[Read more](#)**



## ➤ Coconut Oil from Copra

**Coconut oil, also known as coconut butter, is a tropical oil with many applications. It is extracted from copra (derived from Malayalam word "kopra" which means dried coconut). Coconut oil constitutes seven percent of the total export income of the Philippines, the world's largest exporter of the product....[Read more](#)**





## ➤ Dehydration of Onion and Garlic

**Dehydration technology is well established and proven. Certain products like green peas cauliflower carrots spinach etc. command good prices during lean and off-season. Drying is one of the oldest methods of food preservation. Drying preserves foods by removing enough moisture from food to prevent decay and spoilage.....[Read more](#)**



**For more details visit at:**

**Food Processing and Agriculture Based Projects, Snack Food, Frozen Food, Agro Processing Technology, Processed Food, Instant Food, Food Industry, Food Preservation, Canned Food, Packed Food, Ready to Eat Food, Cereal Food, Pickle, Grain Milling, value added Products**

**Food Processing, Processed Food and Agriculture Based Products, Industries**



# Major Queries/Questions Answered in our Report?

- 1. How has the industry performed so far and how will it perform in the coming years?**
- 2. What is the Project Feasibility of the Plant?**
- 3. What are the requirements of Working Capital for setting up the plant?**
- 4. What is the structure of the industry and who are the key/major players?**



- 5. What is the total project cost for setting up the plant?**
- 6. What are the operating costs for setting up the plant?**
- 7. What are the machinery and equipment requirements for setting up the plant?**
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?**
- 9. What are the requirements of raw material for setting up the plant?**



- 10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?**
- 11. What is the Manufacturing Process of the plant?**
- 12. What is the total size of land required for setting up the plant?**
- 13. What will be the income and expenditures for the plant?**
- 14. What are the Projected Balance Sheets of the plant?**



- 15. What are the requirement of utilities and overheads for setting up the plant?**
- 16. What is the Built up Area Requirement and cost for setting up the plant?**
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?**
- 18. What are Statistics of Import & Export for the Industry?**
- 19. What is the time required to break-even?**



- 20. What is the Break-Even Analysis of the plant?**
- 21. What are the Project financials of the plant?**
- 22. What are the Profitability Ratios of the plant?**
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?**
- 24. What are the Projected Pay-Back Period and IRR of the plant?**
- 25. What is the Process Flow Sheet Diagram of the plant?**
- 26. What are the Market Opportunities for setting up the plant?**
- 27. What is the Market Study and Assessment for setting up the plant?**
- 28. What is the Plant Layout for setting up the plant?**



# Reasons for buying our report:

- **The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **The report provides vital information on the product like it's characteristics and segmentation**
- **The report helps you market and place the product correctly by identifying the target customer group of the product**





- **The report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**



# Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**



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Google Maps*

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# Contact us

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# Niir Project Consultancy Services

An ISO 9001:2015 Company



# Who are we?

- *One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services*
- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*





## What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Business Plan*
- *Market Research Reports*
- *Technology Books and Directory*
- *Industry Trend*
- *Databases on CD-ROM*
- *Laboratory Testing Services*
- *Turnkey Project Consultancy/Solutions*
- *Entrepreneur India (An Industrial Monthly Journal)*



## How are we different ?

- *We have two decades long experience in project consultancy and market research field*
- *We empower our customers with the prerequisite know-how to take sound business decisions*
- *We help catalyze business growth by providing distinctive and profound market analysis*
- *We serve a wide array of customers , from individual entrepreneurs to Corporations and Foreign Investors*
- *We use authentic & reliable sources to ensure business precision*



# Our Approach

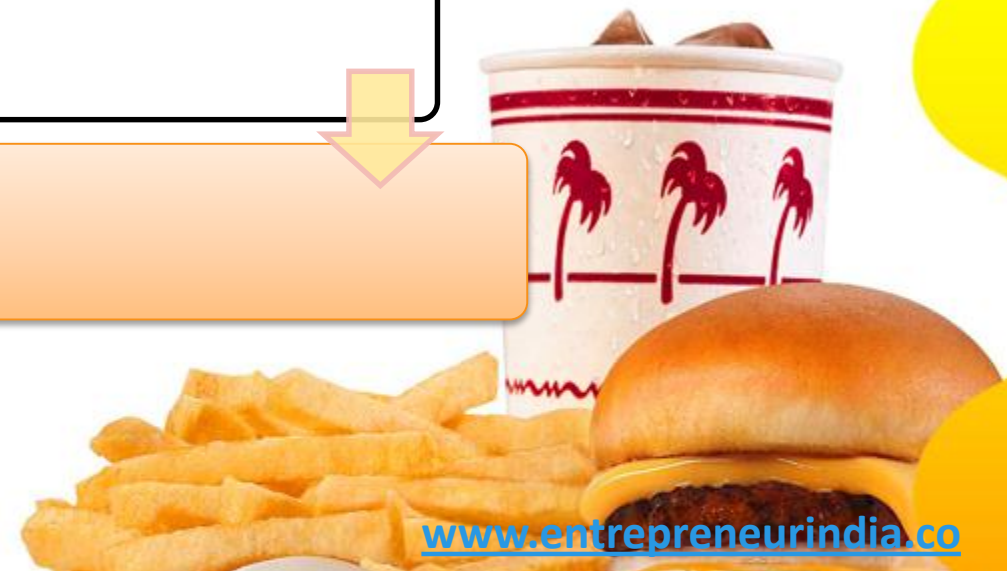
Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



# Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
- *Non-profit Organizations, NBFC's*
- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
- *Industry / trade associations*



# Sectors We Cover

- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
- *Alcoholic And Non Alcoholic Beverages, Drinks*
- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*



- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*



- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha (Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*





- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*



- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*



- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
- *Wire & Cable*



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