



# *List of Opportunities in Agriculture Processing and Food Industry for New Business Ventures*

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



**Agriculture and related industries are essential to the vitality of the Mid-Willamette Valley. Within our region, food processing represents more than half of our manufacturing base. Whether it is growing, storing, or packaging food, building equipment to harvest or process crops, or managing the harvest, the Mid-Willamette Valley specializes in agriculture and food processing.**

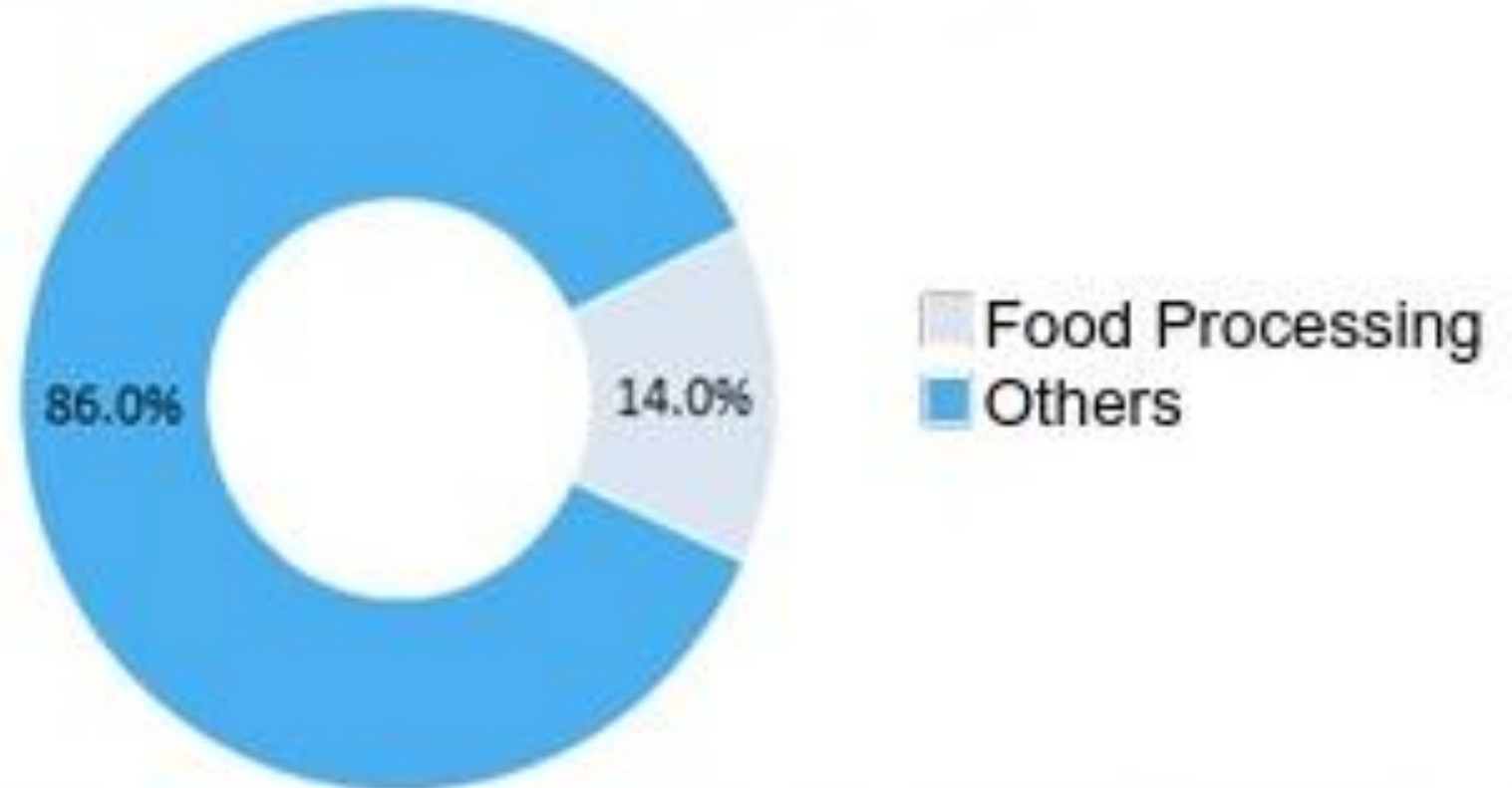


**Food processing means the ways that are used to change raw ingredients into food so that they can be eaten by humans or animals. The food processing industry uses these processes. Food processing often takes clean, harvested or slaughtered and butchered components and uses these to produce attractive and marketable food products. Similar process are used to produce animal feed.**

## **Market Outlook**

**India continued to be one of the top producers in number of food grains, fruits, dairy products and poultry & meat products. At the same time, we lag behind the most of the developed countries and also some of the developing Southeast Asian countries in terms of processing and value addition.**

# Food Processing Industry's Contribution to India's GDP through Manufacturing





**The food processing industry is valued at US\$258 billion, and is the fifth largest industry domestically in terms of production, consumption, export, and expected growth in the country. It contributes to around 14 percent of manufacturing Gross Domestic Product (GDP) and 13 percent of India's total food exports.**



**Food processing equipment helps to transform the raw food ingredients into food items through various physical and chemical means. Food processing equipment are available in various categories which includes dryers, chillers, fryers, feeders, mixers, grinders, roasters, homogenizers, separators, slicers and ovens. These food processing equipment are used in various industries including dairy industry, industrial bakery, poultry farm, seafood industry, chocolate manufacturing unit, confectionery, beverage industry, milk, fruit, nut, and vegetable industry. Stainless steel is one of the main elements, which is widely used in the food processing equipment.**

# India's Rank in World

**1st** - In production of Milk, Bananas, Guavas, Papayas, Ginger, Okra, Pulses & buffalo meat

**1st** - In employment & Number of factories in operation in food processing sector

**2<sup>nd</sup>** - In Green peas, Potatoes, Tea, Tomato, sesame

**2<sup>nd</sup>** - In total food production globally





**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 % to US\$ 65.4 billion by 2018. Food and grocery account for around 31 % of India's consumption basket. The Government of India has been instrumental in the growth and development of the food processing industry.**



**The Indian food and grocery market is the world's sixth largest, with retail contributing 70% of the sales. The Indian food retail market is expected to reach Rs 61 lakh crores (US\$ 915 billion) by 2020. The Indian food processing industry accounts for 32% of the country's total food market, one of the largest industries in India and is ranked fifth in terms of production, consumption, export and expected growth. It contributes around 14% of manufacturing Gross Domestic Product (GDP), 13% of India's exports and 6% of total industrial investment. Indian food service industry is expected to reach US\$ 78 billion by 2018.**

**Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Food Projects**

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## ➤ **Corn Processing Plant (For Glucose Syrup & Fructose)**

**Glucose Syrup is a clear, colourless, viscous solution making it compatible with the physical properties desired in the end products chemically, glucose syrup has functional properties such as high fermentability, viscosity, sweetness, colligative properties and its role in maillard reaction. Glucose syrup is one of the main products of photosynthesis and starts cellular respiration in both bacteria and archaea....[Read more](#)**



## ➤ **Chocolate & Confectionery**

**Chocolate is a key ingredient in many foods such as milk shakes, candy bars, cookies and cereals. It is ranked as one of the most favourite flavours. The chocolate and confectionery products industry has traditionally been subject to significant fluctuations in demand chocolate products tend to be seasonal in nature, with demand increasing sharply during the holidays....[Read more](#)**



## ➤ **Kuttu (Buckwheat) Seed Dehulling**

**Kuttu or Buckwheat or beech wheat gets its name from its triangular seeds, which resemble the much larger seeds of the beech nut, and the fact that it is used like wheat is a non-glutinous pseudo-cereal. It is similar to sunflower seed, with a single white seed inside a hard dark brown/black outer hull....[Read more](#)**



## ➤ **Rice Beer**

**Rice beer is an alcoholic drink generally made from rice. Those who consume moderate amounts of beer (one to two a day at the most) have a 30-40% lower rate of coronary heart disease compared to those who do not drink....[Read more](#)**



## ➤ **Curcumin**

**Curcumin is the main biologically active photochemical compound of Turmeric. Turmeric is a spice derived from the rhizomes of *Curcuma longa*, which is a member of the ginger family (Zingiberaceae). Rhizomes are horizontal underground stems that send out shoots as well as roots....[Read more](#)**



Three rows of two plastic bottles of yellow vegetable oil each, arranged vertically on the left side of the slide.

## ➤ Vegetable Crude Oil (Solvent Extraction Plant)

**Vegetable oils are daily necessities used in all over the world and different types of oilseeds are grown everywhere. Besides serving as a food purpose, vegetable oils are also the source of biodiesel, the new environmental friendly fuel....[Read more](#)**



## ➤ **Mishri (Sugar Candy)**

**Candy Sugar, (or sweet diamonds as it is popularly called or mishri) is sparkling white big crystal sugar obtained by cooling supersaturated sugar solutions. Its large crystals not only are pure but are also very attractive. The English word "candy" derives from Arabic "qandi," meaning something made with sugar....[Read more](#)**

Three glass jars of honey are stacked vertically. Each jar has a silver spoon resting on its rim, with a thick stream of golden honey dripping from the spoon into the jar. The background is a warm, golden-brown color.

## ➤ **High Fructose Corn Syrup (HFCS)**

**Fructose is a simple monosaccharide found in many foods. It is a white solid that dissolves readily in water. Honey, tree fruits, berries, melons and some root vegetables, contain significant amounts of the fructose derivative sucrose (table sugar). Sucrose is a disaccharide derived from the condensation of glucose and fructose....[Read more](#)**



## ➤ **Soft Drink (Aerated Water)**

**Aerated drinks are become part and parcel of the Indian lifestyle. Taste is the main factor which drives the demand of the product. Urban areas report a dramatically high consumption of aerated drinks as compared to rural areas....[Read more](#)**





## ➤ Guar Gum

**Guar Gum is a white to yellowish white powder. It is nearly odorless. When dissolved in hot or cold water guar gum forms a paste of high viscosity. Guar's viscosity is a function of temperature, time and concentration....[Read more](#)**



## ➤ **Vanaspati Ghee**

**The synthetic fats are known in India by different names such as Vanaspati, Dalda Ghee, and Hydrogenated Oil etc. Perhaps because vanaspati ghee is manufactured with vegetable oils and there is not much change in the components of vegetable oil after it has undergone the process of refining and hydrogenation, the name Vanaspati has been given to this refined oil....[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

Agriculture, Agro Based, Cereal Food, Milk, Cocoa, Chocolate, Ice Cream, Plantation, Farming, Food & Beverages, Fruits, Dairy, Confectionery, Vegetables, Spices, Oils & Fats, Bakery, Snacks, Fisheries, Meat, Coconuts, Potato and Potato Products, Rice Cultivation and Processing, Tea, Beekeeping and Honey Processing

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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