



# Introduction

The food processing sector has various sectors including consumer foods (snacks, beverages, etc.), dairy, meat and poultry, fish, grains and cereals, and fruits and vegetables. Fruits and vegetables and meat and poultry take the lion's share of about 40 percent of the total household consumption. 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 Indian food processing industry accounts for 32 per cent 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 per cent of manufacturing Gross Domestic Product (GDP), 13 per cent of India's exports and six per cent of total industrial investment.

India is well-known for its food and beverages service industry. It is one among the most vibrant industries which demonstrated unprecedented growth in the recent past. The industries is continues to expand rapidly. This growth can be attributed on account of changing demographics, growing disposable income, urbanization and growth of retail industry.



Indian food service industry is expected to reach US\$ 78 billion by 2018. The Indian gourmet food market is currently valued at US\$ 1.3 billion and is growing at a Compound Annual Growth Rate (CAGR) of 20 per cent. India's organic food market is expected to increase by three times by 2020##.

## Investment prospects for food processing in India

India's vast agricultural resources alone creates huge potential for investments in its food processing and equipment industry. Major areas holding scope for value added processing are in the canning, packaging, dairy and food processing, frozen food, and thermo-processing industries.



Currently, food processing accounts for almost one-third of the total food market in India. 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. The country's food processing industry is expected to reach US\$482 billion by 2020, driven by growth in organized retail, changing consumer behaviour, and increasing consumerism in tier II and tier III cities.



## Key Drivers of Growth in Food Processing

Consumer Spending on Food

The Indian food and grocery market is the world's sixth largest, with retail contributing to 70 percent of the total sales. On average, Indians spend 31 percent of their total earnings on food and grocery. In contrast, consumers in the US spend only 9 percent, while in Brazil and China, the expenditure on food is 17 percent and 25 percent, respectively.

• Change in Consumer Taste and Preference

With growing awareness, better health consciousness, need for convenience, and improving lifestyles, and the share of processed food is gradually and steadily increasing on consumer plates across the world.



In India, this change is bolstered by rising per capita income, a large young population (60 percent below 35 years of age), deeper retail penetration, and a growing number of nuclear families. India's demands for processed food is, therefore, expected to increase to about 8.5 percent by the end of 2017.

### Growth in Food Exports

There is a rise in the demand for Indian processed food in the international market. In addition to changing consumer tastes in foreign markets, approximately 30,843,419 16 people of Indian origin live abroad. In 2016-17, the total exports from this sector witnessed a positive growth of 0.55% to reach US\$ 24657.09 million, thus, occupying a share of 8.92% in India's overall exports.



The growth of the food and beverages industry is propelled mainly by developing countries such as India, China, and Brazil, as the economies of these nations improve and more people are lifted into the middle class.

The global food, beverage, and grocery industry was estimated to be worth \$7.8 trillion in 2015, or about 10 percent of the world GDP, according to Plunkett Research. The global packaged-food industry was worth \$2.5 trillion.



# F&B industry in India

India is expected to become the fifth largest consumer market in the world by 2025. Food and beverages is the biggest of the consumption categories. The F&B sector is supported by the vast agriculture sector: India is the biggest producer of pulses, and the second biggest producer of rice, wheat, sugarcane, and fruits and vegetables.

It is also the biggest producer of milk and buffalo meat and ranks fifth in poultry production. The other helpful factors: large extents of arable lands, favourable climate, long coastline, and low wages.



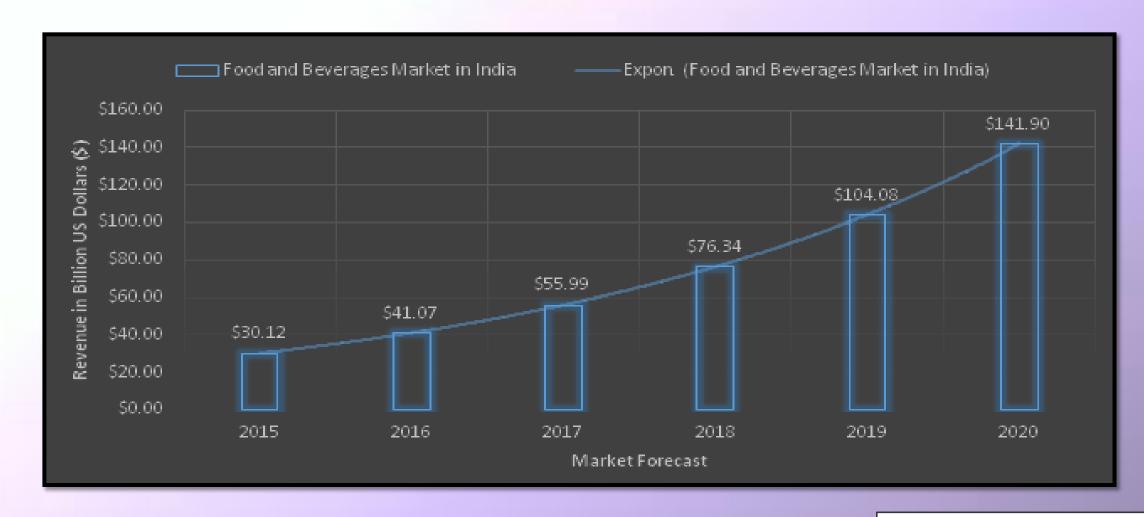
The beverage industry, excluding alcoholic beverages, is worth about \$16 billion. Tea and coffee are the most popular beverages, followed by soft drinks (carbonated drinks and juices), health drinks, milk-based drinks, flavoured drinks, and energy drinks.

Half of the tea and coffee consumed in the country is sold unpacked. The alcohol beverages market is estimated to be worth about \$35 billion, with whiskey, beer, and wine as the most popular drinks.

The food and beverage market was estimated at US\$30.12 billion in 2015 and is expected to reach US\$142 billion by 2020, with a compounded annual growth rate (CAGR) of 36.34%. The sector is dominated mainly by traditional operators. The brands and restaurant chains of both Indian origin and multinationals have not optimally penetrated the market so far. The food and beverage sector has evolved over the past decade, giving rise to exciting new concepts in food and beverage offerings and new and innovative service elements.



## Food and Beverages Market in India





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.

### Agriculture and Food Industry in India

Agriculture plays a vital role in India's economy. Over 58 per cent of the rural households depend on agriculture as their principal means of livelihood. India is the largest producer, consumer and exporter of spices and spice products. India's fruit production has grown faster than vegetables, making it the second largest fruit producer in the world.



# **Exports**

In 2016-17, the total exports from this sector witnessed a positive growth of 0.55% to reach US\$ 24657.09 million, thus, occupying a share of 8.92% in India's overall exports. Indian agricultural/horticultural and processed foods are exported to more than 100 countries/regions; chief among them are the Middle East, Southeast Asia, SAARC countries, the EU and the US.



- Exports from Spices, which is the third largest export item from this sector, witnessed a growth of 13.74%, occupying a share of 1.05% in overall exports of the Industry to reach US\$ 2890.58 million.
- Exports from Fresh fruits witnessed a much faster growth of 16.76% as compared to that of Fresh vegetables which witnessed a growth of 6.54%.
- Major Export items in terms of value such as Buffalo Meat, Basmati Rice and Sugar, occupying a share of 34% in overall exports from this sector, witnessed a negative growth of 3.55%, 7.35% and 13.3% respectively.



Exports from segment of all the processed items including Processed Fruits and Juices, Miscellaneous Processed items and Processed Vegetables witnessed a positive growth except for Processed Meat which recorded a negative growth of 28.58%

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.



Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Required Project Small and Medium Scale Food Processing Projects. Manufacturing of Processed Food Products. Agriculture, Food and Beverage Processing Business Ideas.



# Here are few Projects for Startup:

### > INSTANT GINGER POWDER DRINK

Ginger is one of the oldest and most important spices used in different kinds of food preparation. Ginger possesses a warm pungent taste and a pleasant odor, hence it has a wide use as a flavoring in numerous food preparation, beverages, ginger bread, soups, pickles and many soft drinks. Read more





### > MAHUWA OIL

Mahuwa is a tropical fruit. It is found in the month of April - July or August - September. It is a fleshy green, yellowish or orange brown when ripe, 2.5 to 5 cm long, 1-4 shining seeds. It's total mass content 70% in seed, two kernels in a seed. 2.5 cm X 1.75 cm, oil content 46% in latatolia and 55% in longitolia which are smaller in size.

### Read more





### > SOYA LECITHIN

Lecithin is a synonym for phosphatidylcholine. It is the main lipid component in biological membranes, like our cell membranes or cell walls of plants. On the other hand, commercial lecithin is actually a natural mixture of neutral and polar lipids, including glycolipids, triglycerides, sterols, and small quantities of fatty acids, carbohydrates, and sphingolipids. Read more





### > PLAIN CORN FLAKES & COATED CHOCO FLAKES

Corn flakes being one of most nutritious foods and is consumed as breakfast food not only in India but-everywhere in the world. Cornflakes are a very popular breakfast cereal manufactured from maize. Cornflakes are an almost 0 fat, 0 cholesterol food and contain a high amount of fast acting carbs with dietary fibers. Read more





#### > WINE FROM KINNOW FRUITS

Kinnow has acquired commercial importance and popularity owing to its success under varied agro climatic conditions, response to inputs and high economic returns. Its unique features like gad tree vigor, high fruits yield, excellent fruits quality, higher juice and wider adaptability. 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





### > SOYA BEAN OIL, SOYA PANEER & SOYA EXTRACT

Soya bean is one of the most important agro based product, which has commercial value after the rice, wheat, maize etc. Today, soya bean is an important source of protein and oil in human nutrition, especially in Asia. In other parts of the world, soy based foods are consumed merely due to its healthy image. Read more





### > LYCHEE JUICE

Lychee is one of the tropical fruits which is mainly available in Bihar, and Eastern part of India. It is one of the healthy fruit juice. It will help to grow the health. It is sweet tasty with good flavour. It is used by the domestic people throughout the year. Sixty percent of the fruits is edible. Read more





### > RED CHILLI POWDER

Chilli is cultivated mostly as a rein-fed crop, but in areas of low rainfall it is grown under irrigation. In the genetic area, it is a cold weather crop. The crop is raised on a variety of soil. For cultivation as a rain fed crop, well drained heavy soils which retain moisture should be selected. Read more





### > OLIVE OIL

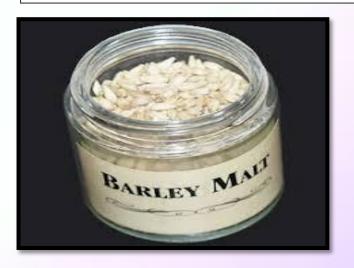
The olive is a species of small tree in the family Oleaceae and is of major agricultural importance in the Mediterranean region as the source of olive oil. Olive oil is a fat obtained from the olive (the fruit of Olea europaea; family Oleaceae), a traditional tree crop of the Mediterranean Basin. Read more





### > BARLEY MALT

Barley Malt is germinated cereal grains that have been dried in a process known as "malting". The grains are made to germinate by soaking in water, and are then halted from germinating further by drying with hot air. Read more





> SOFT DRINKS (COLA, ORANGE, LEMON, MANGO PULP, GINGER, CLEAR LEMON 7UP TYPE)

Soft drinks are largely used in the society to serve any guest in the house, in the commercial and industrial units to entertain the customers. It sometimes acts as medicine also, for little stomach problems or headache. It is used as drinks for recreation. Read more





#### > TOMATO PULP

Tomato pulp is very much popular item derived from tomato fruit. It is a ground form of tomato having only 6% solid content. A wide variety of products are available by processing tomato pulp. Tomato pulp is used for the production of a wide variety of tomato products like sauce, ketchup, juice, etc. Read more





### > MAYONNAISE

There are few unorganized and private companies engaged in the manufacturing of Mayonnaise. It may be called the product is better substitute product. For the product manufacturing basic raw materials required vegetable oil, vegetable protein, milk protein, egg protein or fat emulsifier salt and water. Read more





### > TUTI FRUITY FROM PAPAYA FRUIT

Papaya is second most nutritive food to Mango. Tuti fruity is made by impregnating fruits with flavour & taste along with attractive colour. It is useful in the preparation of other food items such as toppings. It provides attractiveness as well as nutritive value to many food items. Read more





### > FLAVOURED RAISINS

Raisin is prepared from the sound dried grapes of the varieties conforming to the characteristics of Vitis vinifera L. processed in an appropriate manner into a form of marketable raisin with or without coating with suitable optional ingredients. Read

### more





### > APPLE CHIPS

Apple is one of the delicious fruits. It contains vitamins, minerals, enzyme, fruit juice etc. Apples can be preserved in the form of apple chips by drying it. In normal drying apples pieces changed its colour to brown. There is very good market of apple chips. It can be sealed in the aluminium foil. Read more





### > PULPY FRUIT DRINKS (FRUIT JUICE WITH FRUIT PULP)

A freshly squeezed orange or fresh pulped and strained apple would supply a fruit juice drink for immediate consumption, but to expect it to maintain its quality for even a day or two was tempting providence. Nowadays, with the benefit of ultra-high temperature (UHT) pasteurisation, aseptic packaging techniques and systems, pressed juices can be stored for extended periods with very little deterioration in quality. Read more





### > ENERGY PROTEIN BAR

Energy bars are often promoted as a quick snack, a supplement athlete/ sports person or those who done workouts energy bars are also an excellent method for replenishing muscle energy store after sport. For best results eat an energy bar 30-45 minutes before a race or workout or eat small amount during in race or ride. Read more





### > PACKAGED DRINKING WATER

Water quality and quantity are interdependent, interacting elements of water system. The term water quality refers to the level of suitability of water for specified purposes. Use of mineral water gradually increase in India due so shortage of pure hygienic water and also increase the knowledge of water because pathogenic microorganisms, which are main reason of stomach problem. Read more





more

#### > KHANDSARI SUGAR

Sugar has served mankind as a source of energy and as a sweetening agent the down of civilization. Khandsari is a kind of raw cane sugar manufactured in India since ancient times. The majority of the khandsari industry is mainly in Uttar Pradesh. Some khandsari is also produced in Punjab, Maharashtra, Andhra Pradesh and Mysore. Read





### > BESAN PLANT (GRAM FLOUR)

Besan is primarily prepared from grinding of Channa Dal. This is a very important food. It contains large quantities of protein and vitamins. The CFTRI, Mysore has also developed modern Dal Mill to have better yield of improved quality. It is a very important ingredient for making Kitchen Dish for men, women and children. Read more





#### > VERMICELLI BY AUTOMATIC PROCESS

Extrusion is defined as a process in which material is pushed through an orifice or hole of given shape. The origin of the world comes from Latin (exmeans out and trudere means thrust). The pushing force is applied by using a piston or a screw. Read

#### more





### > COUNTRY LIQUOR FROM MOLASSES

From earliest times man has sought for beverages, which give him refreshment and now some of them have become almost an essential part of human diet. There are two kinds of beverages non-alcoholic and alcoholic. There are some alcoholic beverages which are fermented but are subsequently distilled is produced with the aid to yeast culture. Read more





#### > NON-DAIRY WHIPPING CREAM

Dairy products are dairy base farm house products. It is mainly milk, cheese, butter, ghee, cream etc. where basic raw materials come out from milk which is produced in dairy farm. Now milk is also manufactured form agro based products like groundnut, soyabean as basic raw material milk can be produced from agro products or from animals like cows, buffaloes, goats etc. Read more





## **Tags**

Most Profitable Food Processing Business Ideas, Food Processing Industry, Profitable Food Processing Business in India, Food & Beverages Processing, Starting a Food Processing Business, New small scale ideas in food processing industry, Small scale food processing industry, Food processing industry project report, Small scale food processing projects, Indian Food Industry, Agro Based Food Processing Industry, Food Business Idea with low investment, Projects for Small Scale Food Processing Industry, How to Start Manufacturing Processing Business, Food Processing Projects, Food Processing & Agro Based Profitable Projects, Most Profitable Food Processing Business Ideas, Food Processing Industry in India, How to Start Food Processing Industry in India, Production of Instant Ginger Powder Drink, Mahuwa Oil Extraction Plant, Soya Lecithin Manufacturing Plant, Production of Plain Corn Flakes & Coated Choco Flakes, Production of Wine from Kinnow Fruits, Production of Soya Bean Oil, Soya Paneer & Soya Extract, Vanaspati Ghee Manufacturing Plant, Lychee Juice Processing Plant, Red Chilli Powder Production Plant, Extraction of Olive Oil, Production of Barley Malt, Production of Soft Drinks (Cola, Orange, Lemon, Mango Pulp, Ginger, Clear Lemon 7up Type), Manufacturing of Tomato Pulp, Production of Mayonnaise, Production of Tuti Fruity from Papaya Fruit, Manufacture of Flavoured Raisins, Production of Apple Chips, Production of Pulpy Fruit Drinks (Fruit Juice with Fruit Pulp), Manufacturing Plant of Energy Protein Bar, Packaged Drinking Water Production, Processing of Khandsari Sugar, Besan Plant (Gram Flour) Production of Vermicelli by Automatic Process, Production of Country Liquor from Molasses,

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Production of Non-Dairy Whipping Cream, Agri-Business & Food Processing, Agro and Food Processing, Food Processing Business, Starting Business in Food Processing Industry, Food Manufacturing Industry, Project Report on food processing & agro based, Food and Beverage Industry Projects, Indian Processed Food Industry, Food Processing Plants, Projects on Food Processing, Agricultural Business Plan, Most Profitable Agriculture Business Ideas, How to start agriculture business, Get started in small-scale food manufacturing, Agro Based Small Scale Industries Projects, Food processing business list, Setting up of Food Processing Units, How to Start a Food Production Business, Starting a Food or Beverage Processing Business, Rural-Based Food Processing Industry, Projects in agriculture & food, small-scale food processing enterprises, Prospects for micro, small and medium-sized enterprises in the food and drink industries



# For more Projects and further details, visit at:

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## 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



# Free Instant Online Project Identification and Selection Service

Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites......Read more



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### Detailed Project Reports

NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.



And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- Good Present/Future Demand
- Export-Import Market Potential
- Raw Material & Manpower Availability
- Project Costs and Payback Period

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as 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, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

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# NIIR PROJECT CONSULTANCY SERVICES

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### 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
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- O Business Plan
- Market Research Reports
- Technology Books and Directory
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- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- O 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** 



# Contact us

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