



**Production of Dehydrated  
Vegetables,**

**Mushroom and Soup.**

**Start a Dehydrating Vegetables  
Business.**

**Vegetable Dehydration and  
Processing Factory**



# **Introduction**

**Dehydrating or drying of vegetables is one of the oldest and easiest methods of vegetable and food preservation. In dehydration water and moisture from a vegetables is removed, which makes them smaller and lighter, as well as stops microbial growth and hence longer shelf life.**

**Dehydrated vegetables can be defined as a vegetable preserved and stored with the help of dehydration technique for a long period of time. There are various techniques of dehydration by which the vegetables can be preserved and can be consumed whenever needed as a fresh vegetable.**



**Due to dehydration process the supply of vegetables is available during off season also. Vegetables are dried so that the storage stability can be enhanced which reduces transport weight also. Quality of dried products and energy consumption depends on the process of drying process.**

**In dehydration process the moisture from the vegetables is removed, which stops the growth of bacteria, molds and yeast which normally spoils the food. Removing moisture from vegetables makes them smaller and lighter. Sun-drying of vegetables is the oldest method used since centuries, various modern techniques have been developed for commercial dehydration of vegetables.**

*There are many benefits associated with dehydrated fruits and vegetables and they are given below:*

- **Storage and preservation:**

**Drying or dehydration is one of the most ancient and traditional methods of preserving food, and it helps remove any extra moisture so as to prevent any spoilage or decay. The foods can be dehydrated using the advanced dehydrators of today and this method makes for a great way of enjoying produce when they are out of season. This is an awesome alternative to freezing or canning foods.**



- **Less Expensive**

**Processed snacks cost quite a bit of money on their own, and healthy and organic dehydrated food cost even more. You can save a lot of money by buying fresh food in bulk and dehydrating it yourself. That way you can take advantage of any deals you find at your grocery store's produce section by dehydrating it and storing it for later. This practice will also allow you to replace many store-bought snacks. All of this adds up, and you will find that you are spending a lot less in the long run.**

- **Reduces Waste**

**In the U.S. alone, we somehow manage to waste \$165 billion worth of food every year. With a dehydrator, you can reduce waste by dehydrating foods that are coming close to spoiling.**

**When your fresh fruit starts going soft, slice it up and put it in the food dehydrators. If you have meat that needs to be cooked, make some jerky. This method can help you from throwing out that sack of apples or bunch of bananas that you forgot about until they started turning brown. Simply slice them up and enjoy them later!**

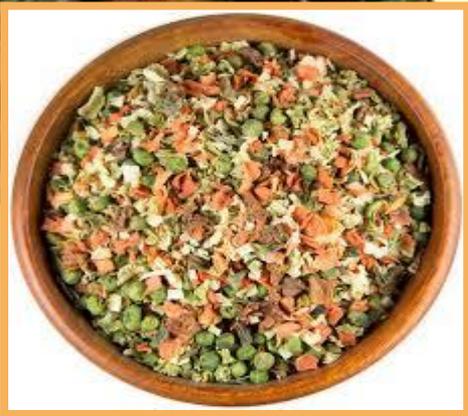
- **Convenience**

**Dried fruit or vegetables is convenient to pack for anyone “on-the-go” because it doesn’t need to be refrigerated, it’s not messy or sticky, it’s compact and doesn’t take up a lot of space, it doesn’t weigh much, and it provides quick energy.**



- **Nutritional Value**

**Nutritiously, the heat from dehydrating does tend to destroy some vitamins in the food, but fortunately dried fruit retains all of its fiber and iron. Fiber is associated with lowering risk of certain cancers such as colorectal cancer and other gastrointestinal cancers. Also, a home dehydrator is not nearly as harsh on nutrients compared to the commercial process of drying. Dried fruit contains no fat, cholesterol, or sodium. Another perk of using your own dehydrator—you can ensure no additives or preservatives, and also use organic when desired.**



**The food industry is witnessing a substantial growth over the last decade. Dehydrated fruits & vegetables are in high demand among the food processors, owing to the advantage of their out of season availability. The significant factor driving the growth of the dehydrated fruits & vegetables market is the increased shelf life of the product. Increased vegan population and intake of fruits & vegetables for nutrition, are boosting the growth of the market. The development of the food technology is also adding fuel to the growth of the market.**

**The hectic lifestyles of the people, coupled with the changing dietary patterns of the consumers, further are expected to propel the demand for the dehydrated fruits & vegetables, in future. Also, growth of organized retail industry is also one of the factors expected to increase the growth of dehydrated fruits & vegetables market during the forecast period.**

**Mushrooms** are grouped as vegetables and are porous, fleshy, spongy, and fruity parts of a fungus. Increased recognition of nutritional and medicinal values of mushroom leads to increase in its demand, which created a new segment called dried mushroom, a dehydrated regular or organic mushroom with no preservatives. The quality of mushroom depends on its desirable taste, aroma, and absence of poisonous content. Mushrooms are becoming popular among health conscious consumers, less sodium content, being gluten-free, cholesterol-free and fat-free, and a rich source of nutrition.



**The growth of the global dried mushroom market is driven by growing demand for organic food and increasing health consciousness among consumers. The properties of dried mushroom including no added preservatives, natural product, and high vitamin-D content fueling the global dried mushroom market. Macroeconomic factors such as rapid rate of urbanization, increasing per capita income, changing lifestyle, and growing economy driving the global dried mushroom market. Some of the factors trending the global dried mushroom market include mergers & acquisitions between companies of dried mushroom market, high investment in the food industry, and new product launches such as mushroom spices. The company operates in the dried mushroom market can increase its share through collaboration with domestic players, forward integration, and launching organic products in the market.**

**Dried soup** is an instant soup mix consisting of dehydrated vegetables, meat, grains, legumes, etc. along with flavoring agents and preservatives. The ingredients in dried soup are dehydrated using slow air drying or freeze drying process without losing the nutritious value of the food. They are more nutritious than canned soups which consist of high amounts of sodium and preservatives. Dried soups are considered as a convenience food and are hugely popular among the working class consumers. They are available in two packaging forms i.e. cups and pouches.

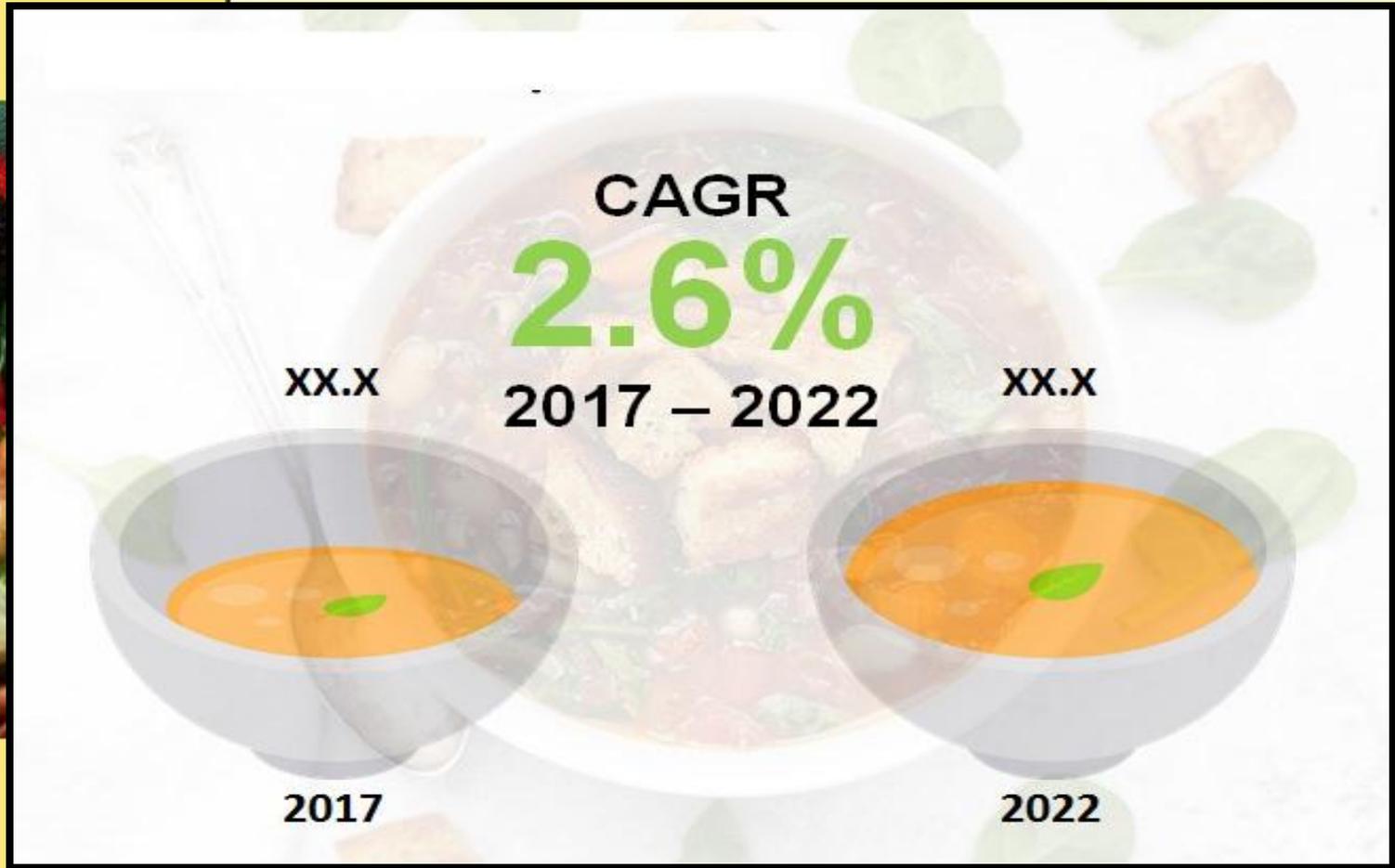


**Dried soup continues to gain more impetus in the F&B sector owing to its increasing popularity among consumers across the globe. It is safe, easy to make, portable and above all, suites the requirements of a modern consumer. In recent years, there has been a significant increase in the global consumption of various convenience food items including dried soup. Moreover, introduction of soups that are gluten free and contain more nutritional value is expected to reflect favourable on the sales of dried soup over the next couple of years. As per the recent study conducted by Future Market Insights (FMI), the global dried soup market is set to surpass a valuation of US\$ 2,000 Mn by the end of 2022. The study has also identified a number of additional factors that are likely to influence the growth of the market during the forecast period (2017-2022).**

**The increasing demand for convenience food coupled with a rise in disposable incomes and health consciousness among the people drive the dried soup market growth. Strategic partnerships with companies act as a catalyst for the expansion of the industry. However, health concerns related to preservatives added to dried soups for longer shelf-life, tend to restrain the market. The health conscious population is less inclined to opt for such products. To tackle this problem, vendors are introducing organic soups that are healthier than the regular ones. Innovation, in both product and packaging, plays a key role to attract the consumers.**



## *Global Dried Soup Market*



**Demand for dehydrated dried soups is significantly higher than instant dried soup. Sales of dehydrated dried soups currently account for more than three-fourth revenue share of the global dried soup market. Dehydrated dried soups are available in a wide-range of flavour, vegetables, grains, dehydrated meat and legumes. Moreover, convenience of quick and easy preparation afforded by dehydrated dried soups remains highly appealing for a large number of consumers. In many of the European countries, consumption of dehydrated dried soup has been substantially high. By the end of 2017, over US\$ 500 Mn worth dehydrated dried soup is expected to be consumed in Europe. Meanwhile, consumption of instant dried soup is likely to remain sluggish throughout the assessment period.**

**India is the world's 2nd largest producer of vegetables in the world next only to China. But the fruit and vegetable processing industry in India is highly decentralized. A large number of units are in the small scale sector, having small capacities up to 250 tonnes per annum though big Indian and multinational companies have capacities in the range of 30 tonnes per hour or so. Hence India now ranks only third in the production of Dried and Preserved vegetables.**

**World demand for dried and dehydrated vegetables is expected to increase over the long term as industrialized countries develop new markets and end-uses for these products. Being the prime export producers, developing countries are expected to gradually enlarge their share of the total export market.**

**Ultimately, a country's export competitiveness in this specific product line is expected to be largely dependent on the ability of its producers to provide high-quality products that meet increasingly stringent product requirements.**

**Dehydrated vegetables can be segmented on the basis of their types, application, dehydration technology, and regions. On the basis of product type Dehydrated vegetable market is segmented as organic and conventional dehydrated vegetables. As global consumers are becoming more health conscious and organic food consumption is a trend, organic dehydrated vegetables segment possess major market shares. On the basis of application dehydrated vegetables market is segmented into soups, bakery and confectionery products, infant food products, ready mixes(ready to cook, ready to eat, seasoning, premixes etc.), snack products, powdered beverages and others.**

**Amongst applications market segments ready mixes and soup segments are trending and acquires major shares in the global market.**

**Dehydrated food market can be segmented on the basis of technology which includes spray dried, freeze dried, vacuum dried, sun dried, hot air dried and others. Traditionally among all these segments sun dried process of dehydration was the major segment in terms of usage by food manufacturers followed by hot air dried process. However due to the introduction of new technology spray dried is expected to account for largest share in terms of market revenue contribution, followed by freeze dried during the forecast period. Vacuum dried segment is expected to show a consistent growth as compared to others. Limited usage in food products is expected to be the restraining factor for the growth of vacuum dried technology in dehydrated food market in the near future.**

# Project at a Glance

## PROJECT AT A GLANCE

( in lacs)

### COST OF PROJECT

### MEANS OF FINANCE

Particulars	Existing	Proposed	Total	Particulars	Existing	Propose	Total
						d	
Land & Site Development Exp.	0.00	95.00	95.00	Capital	0.00	98.65	98.65
Buildings	0.00	103.00	103.00	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	102.00	102.00	Other Type Share	0.00	0.00	0.00
Motor Vehicles	0.00	8.00	8.00	Capital	0.00	0.00	0.00
Office Automation Equipments	0.00	36.75	36.75	Reserves & Surplus	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	15.00	15.00	Cash Subsidy	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Internal Cash Accruals	0.00	0.00	0.00
Preliminary & Pre-operative Exp	0.00	2.00	2.00	Long/Medium Term	0.00	295.95	295.95
Provision for Contingencies	0.00	9.00	9.00	Borrowings	0.00	0.00	0.00
Margin Money - Working Capital	0.00	23.85	23.85	Debentures / Bonds	0.00	0.00	0.00
TOTAL	0.00	394.60	394.60	Unsecured	0.00	0.00	0.00
				Loans/Deposits	0.00	0.00	0.00
				TOTAL	0.00	394.60	394.60

# Project at a Glance

Year	Annualised		Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/Book Value
	EPS	CEPS	Per Share		Per Share	Per Share		%		No.of Times	%
1-2	5.33	8.69	15.33	24.00	0.00	100.00	5.33	0.00	5.33	1.00	0.00
2-3	8.67	11.62	24.00	18.00	0.00	100.00	8.67	0.00	8.67	1.00	0.00
3-4	11.88	14.47	35.88	12.00	0.00	100.00	11.88	0.00	11.88	1.00	0.00
4-5	14.92	17.20	50.80	6.00	0.00	100.00	14.92	0.00	14.92	1.00	0.00
5-6	17.76	19.77	68.57	0.00	0.00	100.00	17.76	0.00	17.76	1.00	0.00

# Project at a Glance

Year	D. S. C. R.			Debt / Equity - Deposits Debt	Equity as-Equity	Total Net Worth	Return on Net Worth	Profitability Ratio					Assets Turnover Ratio	Current Ratio
	Individual	Cumulative	Overall					GPM	PBT	PAT	Net Contribution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%	%			
Initial				3.00	3.00									
1-2	1.29	1.29		1.57	1.57	1.97		22.10%	11.69%	8.02%	450.21	68.66%	1.50	0.93
2-3	1.65	1.46		0.75	0.75	1.05		25.67%	17.17%	11.18%	522.32	68.27%	1.62	1.36
3-4	2.07	1.65	2.06	0.33	0.33	0.56		28.03%	20.96%	13.41%	596.87	68.27%	1.62	1.94
4-5	2.56	1.85		0.12	0.12	0.29		29.57%	23.57%	14.97%	671.41	68.26%	1.54	2.63
5-6	3.14	2.06		0.00	0.00	0.14		30.51%	25.35%	16.04%	745.96	68.26%	1.43	5.46

# Project at a Glance

## BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	60.14%
Total BEP (% of Installed Capacity)	62.80%
IRR, PAYBACK and FACR	
Internal Rate of Return .. ( In %age )	27.21%
Payback Period of the Project is ( In Years )	2 Years 3 Months
Fixed Assets Coverage Ratio ( No. of times )	4.510



# Major Queries/Questions Answered in the Report?

- 1. What is Dehydrated Vegetables, Mushroom and Soup Manufacturing industry ?**
- 2. How has the Dehydrated Vegetables, Mushroom and Soup Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Dehydrated Vegetables, Mushroom and Soup Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Dehydrated Vegetables, Mushroom and Soup Manufacturing plant ?**

- 5. What is the structure of the Dehydrated Vegetables, Mushroom and Soup Manufacturing Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Dehydrated Vegetables, Mushroom and Soup Manufacturing Business?**
- 7. What are the operating costs for setting up Dehydrated Vegetables, Mushroom and Soup Manufacturing plant ?**
- 8. What are the machinery and equipment requirements for setting up Dehydrated Vegetables, Mushroom and Soup Manufacturing plant ?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Dehydrated Vegetables, Mushroom and Soup Manufacturing plant ?**
- 10. What are the requirements of raw material for setting up Dehydrated Vegetables, Mushroom and Soup Manufacturing plant ?**
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# Reasons for Buying our Report:

- **This 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**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This 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**

## ***Scope of the Report***

The report titled “Market Survey cum Detailed Techno Economic Feasibility Report on Dehydrated Vegetables, Mushroom and Soup.” provides an insight into Dehydrated Vegetables, Mushroom and Soup market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Dehydrated Vegetables, Mushroom and Soup project. The report assesses the market sizing and growth of the Indian Dehydrated Vegetables, Mushroom and Soup 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**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Dehydrated Vegetables, Mushroom and Soup sector in India along with its business prospects. Through this report we have identified Dehydrated Vegetables, Mushroom and Soup project as a lucrative investment avenue.**

# Tags

Dehydrated Vegetables, Dehydration of Vegetables, Process for Producing Dehydrated Vegetables, Production of Dehydrated Vegetables, Dehydration of Vegetables Pdf, Dehydration of Vegetables Project Report, Dehydrated Vegetables Plant, Demand of Dehydrated Vegetables, Vegetable Dehydration Plant, Dehydrated Vegetables Process, Dehydration of Vegetables Project Report, Dehydrated Produce, Dried and Preserved Vegetables, Dried Vegetable Products, Production of Dried Vegetable, Food Preservation, How to Dehydrate Vegetables, Vegetable Processing, Business Opportunity in Dehydrated Vegetables, Business Plan of Dehydration Vegetable, Dehydration of Vegetables Pdf, Dehydrated Vegetables Plant, Vegetable Dehydration and Processing Factory, Dried Vegetables Industry, Food Manufacturing, Commercial Dehydration, Drying and Dehydration of Vegetables, Potential of Dehydrated Vegetable Production, Dry and Dried Produce, Vegetable Dehydration Process, Vegetable Dehydration Plant Cost, Start a Dehydrating Vegetables Business, Dehydration Process in India, Using Dehydration to Preserve Vegetables, How to Dry Vegetables for Storage, How to Make Dehydrated Mushrooms, Dehydrated Mushroom, How to Dehydrate Mushrooms, Dehydrate / Dehydrating Mushrooms, How to Dry Mushrooms,

How To Dehydrate & Preserve Fresh Mushrooms, Processing of Dehydrated Mushrooms, Mushroom Dehydration, How to Dehydrate Soup, Soup Dehydration, Dehydrating Soup, Detailed Project Report on Soup Dehydration, Project Report on Mushroom Dehydration, Pre-Investment Feasibility Study on Soup Dehydration, Techno-Economic feasibility study on Vegetable Dehydration, Feasibility report on Mushroom Dehydration, Free Project Profile on Soup Dehydration, Project profile on Mushroom Dehydration, Download free project profile on Mushroom Dehydration, Startup Project for Mushroom Dehydration, Project report for bank loan, Project report for bank finance, Project report format for bank loan in excel, Excel Format of Project Report and CMA Data, Project Report Bank Loan Excel, Start a Dehydrating Vegetables Business, Vegetable Dehydration and Processing Factory



**Niir Project Consultancy Services (NPCS)**  
**can provide Detailed Project Report on**  
**Production of Dehydrated Vegetables,**  
**Mushroom and Soup.**  
**Start a Dehydrating Vegetables Business.**  
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**NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.**

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**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**
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**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.**

**We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....[Read more](#)**



# Contact us

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# Niir PROJECT CONSULTANCY SERVICES

**An ISO 9001:2015 Company**



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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*



*We at NPCS want to grow with you by providing solutions scale to suit your new operations and help you reduce risk and give a high return on application investments. We have successfully achieved top-notch quality standards with a high level of customer appreciation resulting in long lasting relation and large amount of referral work through technological breakthrough and innovative concepts. A large number of our Indian, Overseas and NRI Clients have appreciated our expertise for excellence which speaks volumes about our commitment and dedication to every client's success.*



*We bring deep, functional expertise, but are known for our holistic perspective: we capture value across boundaries and between the silos of any organization. We have proven a multiplier effect from optimizing the sum of the parts, not just the individual pieces. We actively encourage a culture of innovation, which facilitates the development of new technologies and ensures a high quality product.*



## What do we offer?

- *Project Identification*
- *Detailed Project Reports/Pre-feasibility Reports*
- *Market Research Reports*
- *Business Plan*
- *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**



# Contact us

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