

Vacuum Fried Snacks

Vacuum Fried Vegetable Chips

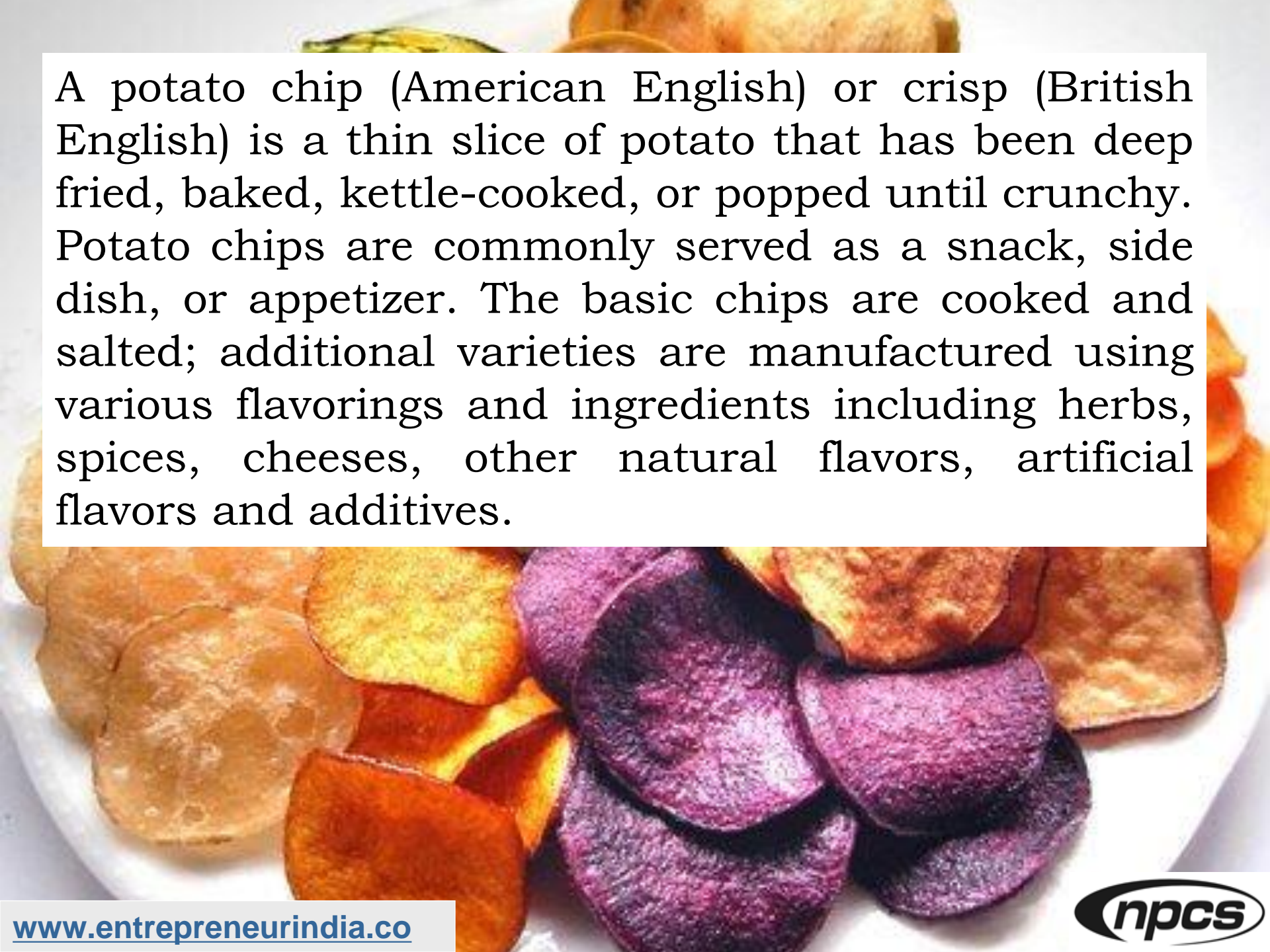
(Sweet Potato, Beans and Beetroot)

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


Vegetable chips (also referred to as veggie chips) are chips or crisps that are prepared using vegetables. Vegetable chips may be fried, deep-fried, dehydrated, dried or baked. Many different root vegetables or leaf vegetables may be used. Vegetable chips may be eaten as a snack food, and may accompany other foods such as dips, or be used as a topping on dishes. In the United States, vegetable chips are often mass-produced, with many brands marketed to consumers.

A close-up photograph of a white plate filled with potato chips. The chips are in various colors: golden-brown, orange, and purple. The text is overlaid on a white rectangular background in the upper half of the image.


A potato chip (American English) or crisp (British English) is a thin slice of potato that has been deep fried, baked, kettle-cooked, or popped until crunchy. Potato chips are commonly served as a snack, side dish, or appetizer. The basic chips are cooked and salted; additional varieties are manufactured using various flavorings and ingredients including herbs, spices, cheeses, other natural flavors, artificial flavors and additives.

More generally, crisps and chips include savory snack products made from not just potato, but also corn, tapioca, banana, or other cereals, and other root vegetables (e.g., sweet potato and carrot), and other fruits.

India is one of the largest producers of potato. Besides being used as a daily food item in various vegetable preparations, potato today increasingly finds use in the form of chips or wafers as snacks food. The potato chips and wafers are popular processed food items that give considerable value addition to potatoes.




Mixed Vegetable Chips (Sweet Potato, Pumpkin, Carrot, Taro and Green Beans), mixed fruit chips and beet root chips are processed by a vacuum frying method, the latest technology using the carefully selected raw materials from the best growing regions.

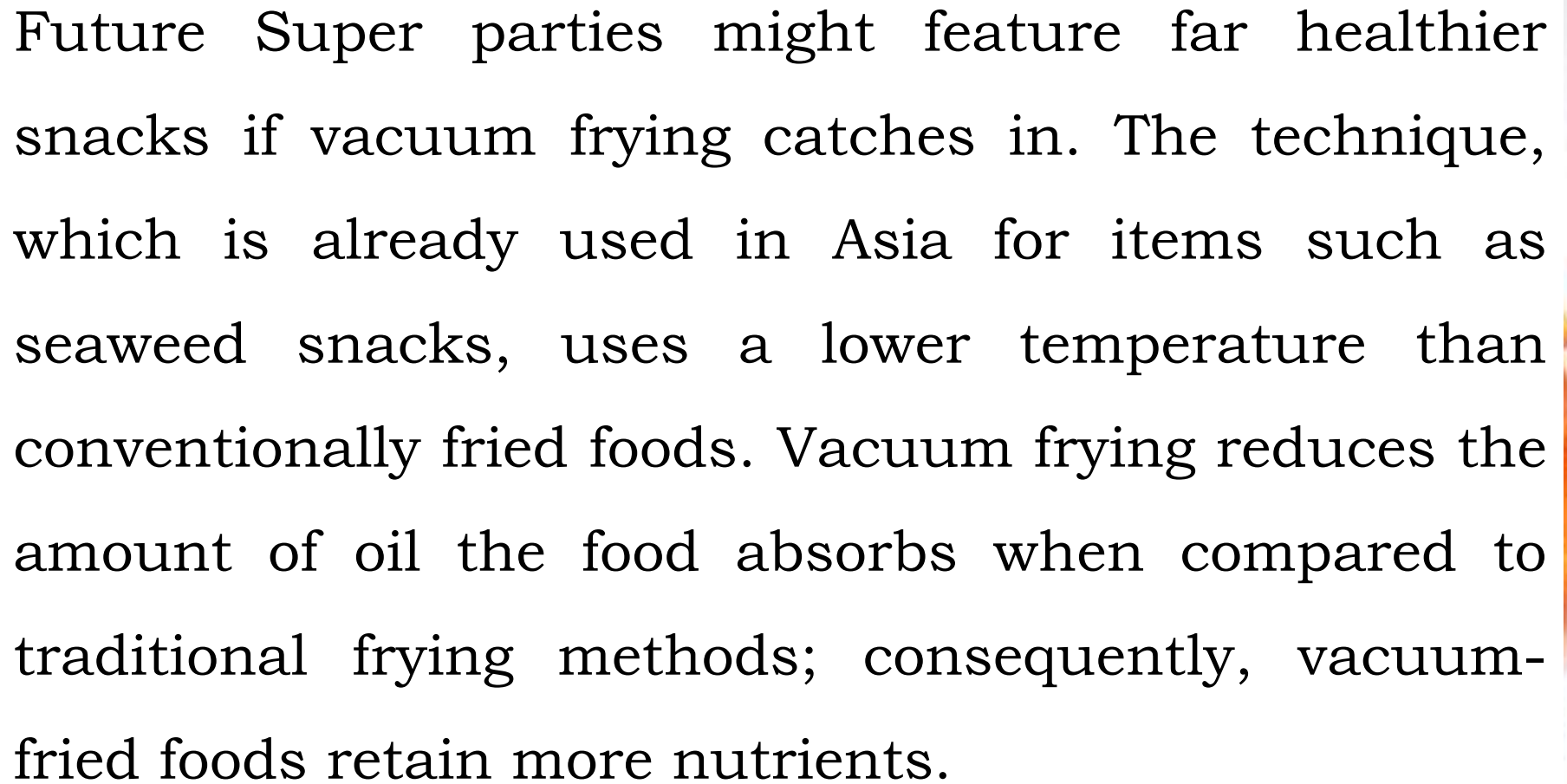


The basic chips are cooked and salted, and additional varieties are manufactured using various flavorings and ingredients including seasoning, herbs, spices, cheeses, and artificial additives. Chips are a predominant part of the snack food market in English speaking countries and numerous other Western and Asian nations.

Vegetables chips and fruit chips are 100% natural, Low fat, high nutrient, no preservative.



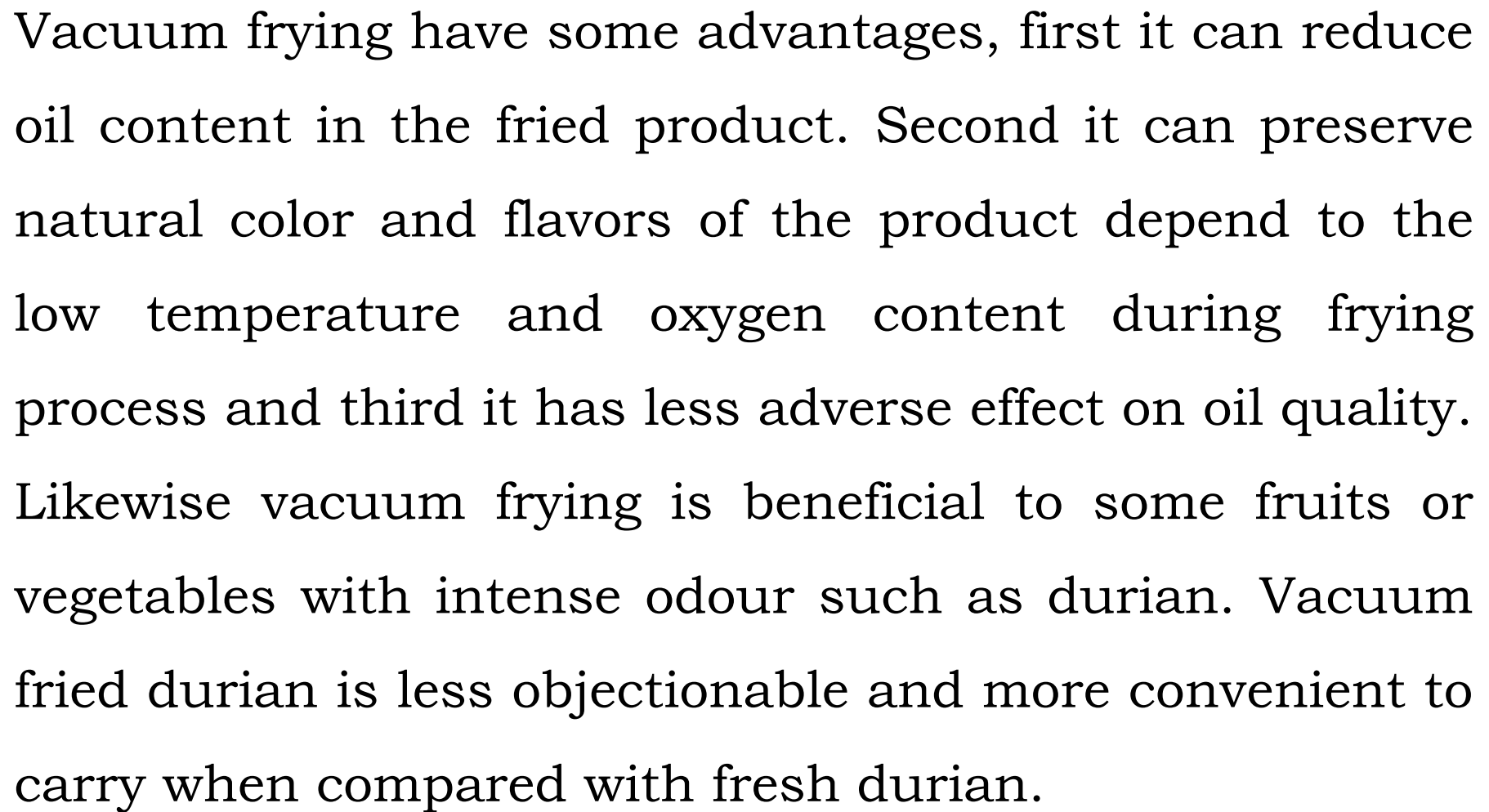
Vacuum frying is a reasonably new technology which uses lower pressure and temperature rather than atmospheric deep-fat frying to improve the quality attributes of food products.




Future Super parties might feature far healthier snacks if vacuum frying catches in. The technique, which is already used in Asia for items such as seaweed snacks, uses a lower temperature than conventionally fried foods. Vacuum frying reduces the amount of oil the food absorbs when compared to traditional frying methods; consequently, vacuum-fried foods retain more nutrients.

Advantages of Vacuum Frying

Vacuum fried products has low moisture content (<6%) and low water activity ($a_w < 0.3$) (Wongsuwan and Laosuksuwan, 2006). The absence of air during frying may inhibit oxidation including lipid oxidation, enzymatic browning; therefore, the color and nutrients of fried samples can be largely preserved (Tarzi et al., 2011). The products are crispy and retain original colour, taste and odour as of the natural foods.



Vacuum frying have some advantages, first it can reduce oil content in the fried product. Second it can preserve natural color and flavors of the product depend to the low temperature and oxygen content during frying process and third it has less adverse effect on oil quality. Likewise vacuum frying is beneficial to some fruits or vegetables with intense odour such as durian. Vacuum fried durian is less objectionable and more convenient to carry when compared with fresh durian.




Vacuum frying can be used to fry high sugar fruits and fresh vegetable in order to produce various kinds of snacks. Sugar is burnt before water is removed from the fruits. The products still have high moisture content.




Market Outlook

Potato chips and crisps are one of the most popular snack foods consumed worldwide. Over the years, the potato chips and crisp market has witnessed substantial growth, turning it into a multibillion-dollar market. However, the potato chips and crisps market is witnessing a shift in consumption patterns, a fluctuation in price of raw materials, and intense competition from substitutes. Manufacturers in the market are expected to meet success by developing newer products and quickly modifying ingredients of existing products to meet changes in consumer demand.



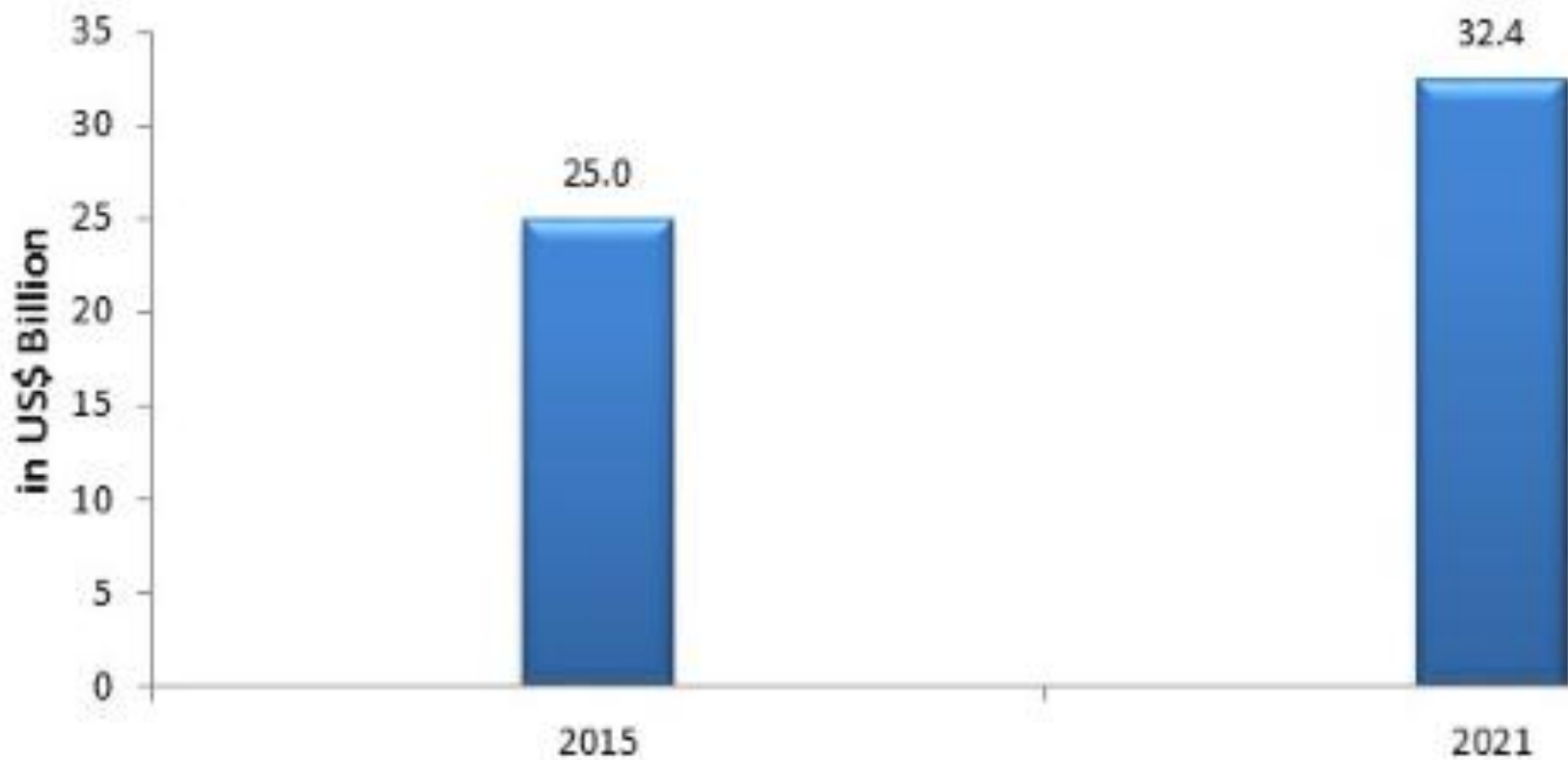
The development of newer flavors to meet taste preferences of varied consumers is the key to surviving in the global potato chips and crisps market.

The global potato chips market has been segmented by type and taste. By taste, the market is segregated into plain, salted, chili, and flavored chips. The global potato chips market is expected to grow at a CAGR of 4.3%, during the period 2017-2022, to reach a market value of USD 40.3 billion by 2022.



The global potato chips market is also segmented by the distribution channel into super markets/hyper markets, convenience stores, independent retailers, and others. The supermarkets/hyper markets dominated in 2016, with more than 70% market share.

Global Potato Chips Market, 2015 & 2021



Project at a Glance

COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	13.00	13.00	Capital	0.00	47.02	47.02
Buildings	0.00	42.30	42.30	Share Premium	0.00	0.00	0.00
Plant & Machineries	0.00	76.00	76.00	Other Type Share Capital	0.00	0.00	0.00
Motor Vehicles	0.00	6.00	6.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	24.50	24.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	10.00	10.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	141.05	141.05
Preliminary & Pre-operative Exp	0.00	1.50	1.50	Debentures / Bonds Unsecured	0.00	0.00	0.00
Provision for Contingencies	0.00	7.00	7.00	Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	7.77	7.77				
TOTAL	0.00	188.07	188.07	TOTAL	0.00	188.07	188.07

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	5.07	9.56	15.07	24.00	0.00	100.00	5.07	0.00	5.07	1.00	0.00
2-3	8.17	12.08	23.24	18.00	0.00	100.00	8.17	0.00	8.17	1.00	0.00
3-4	11.18	14.60	34.42	12.00	0.00	100.00	11.18	0.00	11.18	1.00	0.00
4-5	14.08	17.07	48.49	6.00	0.00	100.00	14.08	0.00	14.08	1.00	0.00
5-6	16.83	19.46	65.32	0.00	0.00	100.00	16.83	0.00	16.83	1.00	0.00

Project at a Glance

Year	D. S. C. R.			Debt / - Depos its Debt	Equity as- Equity	Total Net Wort h	Retur n on Net Worth	Profitability Ratio					Assets Turnov er Ratio	Curre nt Ratio
	Individ ual	Cumulat ive	Overa ll					GPM	PBT	PAT	Net Contri bution	P/V Ratio		
	(Number of times)			(Number of times)		%	%	%	%	%	%			
Initial				3.00	3.00									
1-2	1.38	1.38		1.59	1.59	1.82		30.31 %	14.78%	10.78 %	183.6 1	83.01 %	1.16	0.92
2-3	1.71	1.54		0.77	0.77	0.95		35.10 %	22.36%	14.88 %	213.8 0	82.85 %	1.26	1.53
3-4	2.09	1.71	2.08	0.35	0.35	0.48		38.30 %	27.64%	17.83 %	244.3 4	82.85 %	1.27	2.33
4-5	2.54	1.89		0.12	0.12	0.23		40.45 %	31.34%	19.95 %	274.8 7	82.85 %	1.21	3.28
5-6	3.09	2.08		0.00	0.00	0.08		41.84 %	33.93%	21.46 %	305.4 1	82.85 %	1.12	9.15

Project at a Glance

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	54.98%
Total BEP (% of Installed Capacity)	59.03%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	27.97%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	3.726

Major Queries/Questions Answered in the Report?

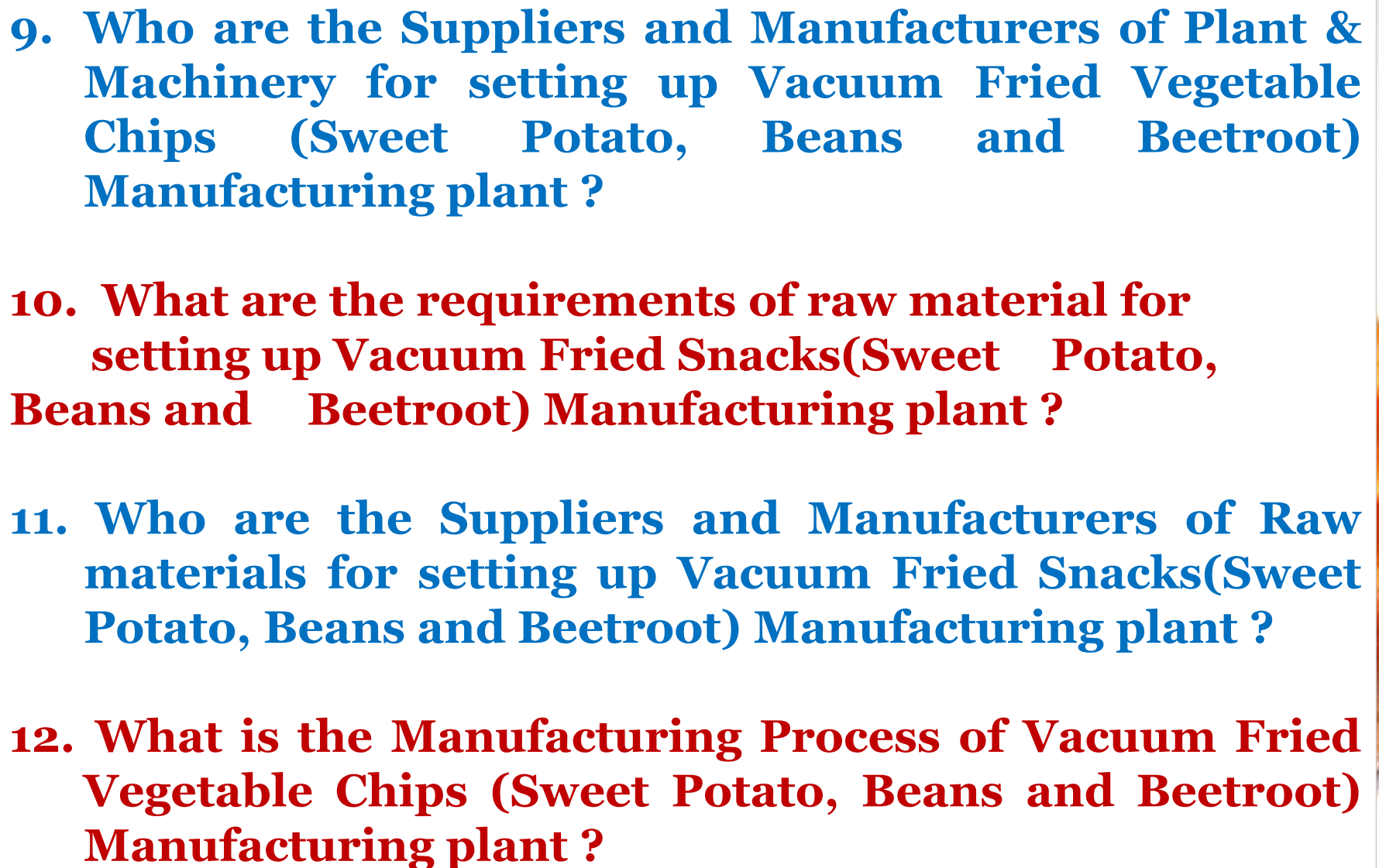
- 1. What is Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing industry ?**
- 2. How has the Vacuum Fried Snacks(Sweet Potato, Beans and Beetroot) Manufacturing industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing Plant ?**
- 4. What are the requirements of Working Capital for setting up Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant ?**

5. What is the structure of the Vacuum Fried Snacks (Sweet Potato, Beans and Beetroot) Manufacturing Business and who are the key/major players ?

6. What is the total project cost for setting up Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant ?

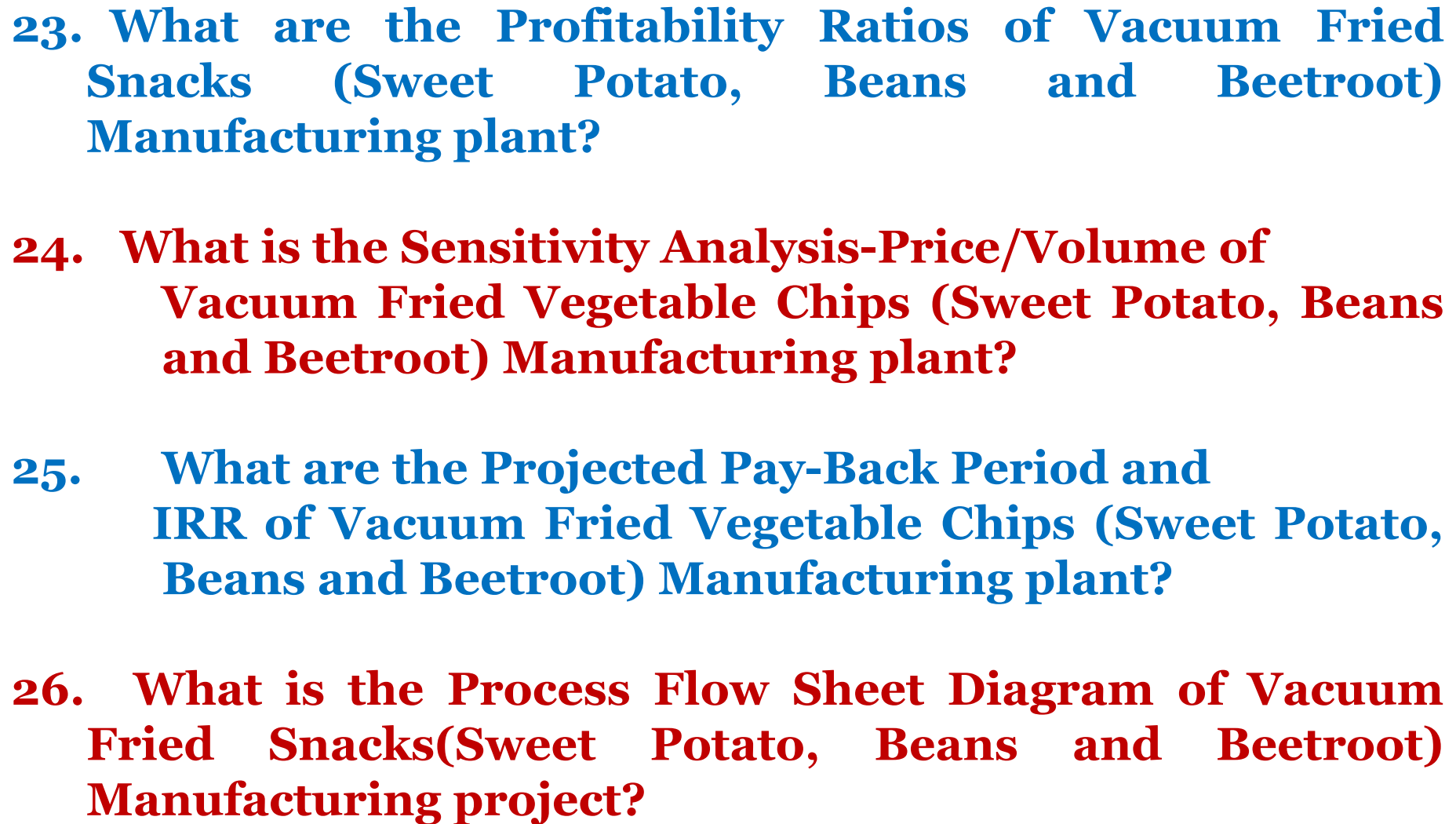
7. What are the operating costs for setting up Vacuum Fried Snacks(Sweet Potato, Beans and Beetroot) Manufacturing plant ?

8. What are the machinery and equipment requirements for setting up Vacuum Fried Snacks(Sweet Potato, Beans and Beetroot) Manufacturing plant ?

- 
- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant ?**
- 10. What are the requirements of raw material for setting up Vacuum Fried Snacks(Sweet Potato, Beans and Beetroot) Manufacturing plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up Vacuum Fried Snacks(Sweet Potato, Beans and Beetroot) Manufacturing plant ?**
- 12. What is the Manufacturing Process of Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant ?**

- 13. What is the total size of land required for setting up Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant ?**
- 14. What will be the income and expenditures for Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant ?**
- 15. What are the Projected Balance Sheets of Vacuum Fried Snacks (Sweet Potato, Beans and Beetroot) Manufacturing plant ?**
- 16. What are the requirement of utilities and overheads for setting up Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant?**
- 17. What is the Built up Area Requirement and cost for setting up Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing Business?**

- 18. What are the Personnel (Manpower) Requirements for setting up Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing Business?**
- 19. What are Statistics of Import & Export for Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot)?**
- 20. What is the time required to break-even of Vacuum Fried Snacks(Sweet Potato, Beans and Beetroot) Manufacturing plant?**
- 21. What is the Break-Even Analysis of Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant?**
- 22. What are the Project financials of Vacuum Fried Snacks(Sweet Potato, Beans and Beetroot) Manufacturing plant?**

- 
- 23. What are the Profitability Ratios of Vacuum Fried Snacks (Sweet Potato, Beans and Beetroot) Manufacturing plant?**
- 24. What is the Sensitivity Analysis-Price/Volume of Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant?**
- 25. What are the Projected Pay-Back Period and IRR of Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant?**
- 26. What is the Process Flow Sheet Diagram of Vacuum Fried Snacks(Sweet Potato, Beans and Beetroot) Manufacturing project?**



27. What are the Market Opportunities for setting up Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing plant?

28. What is the Market Study and Assessment for setting up Vacuum Fried Snacks (Sweet Potato, Beans and Beetroot) Manufacturing plant?

29. What is the Plant Layout for setting up Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) Manufacturing Business?



Table of Contents of the Project Report

1. PROJECT LOCATION

1.1. DISTRICT PROFILE & GEOTECHNICAL SITE CHARACTERIZATION

1.1.1. General

1.1.2. Geography

1.1.3. Demographics

1.1.4. Map

1.1.5. Economy

1.1.6. Cuisine

1.1.7. Sports

1.1.8. Transport

1.1.9. Media

1.1.10. Tourism

2. INTRODUCTION

3. TYPES OF CHIPS

- 3.1. MIXED VEGETABLE CHIPS
- 3.2. MIXED FRUIT CHIPS
- 3.3. BEET CHIPS

4. PRODUCT SPECIFICATIONS

- 4.1. VEGETABLE AND FRUITS CHIPS

5. MARKET SURVEY

- 5.1. BREAKFAST FOODS

- 5.2. LEADING BRANDS
- 5.3. SNACKS
- 5.4. POTATO CHIPS/NAMKEENS
- 5.5. SNACKS & FUNFOODS
- 5.6. LEADING BRANDS
- 5.7. GENERAL OVERVIEW
- 5.8. DEMAND AND SUPPLY
- 5.9. PRODUCTION AND DEMAND

6. FINANCIALS & COMPARISON OF MAJOR INDIAN PLAYERS/COMPANIES

- 6.1. ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE
- 6.2. PROFITS & APPROPRIATIONS

6.3. TOTAL LIABILITIES

6.4. TOTAL ASSETS

6.5. NET CASH FLOW FROM OPERATING ACTIVITIES

6.6. SECTION – I

6.6.1. Name of Company with Contact Details

6.6.2. Name of Director(S)

6.6.3. Plant Capacity

6.6.4. Location of Plant

6.6.5. Name of Raw Material(S) Consumed With Quantity & Cost

6.7. SECTION – II

6.7.1. Assets

6.7.2. Cash Flow

6.7.3. Cost as % Ge of Sales

- 6.7.4. Forex Transaction
- 6.7.5. Growth in Assets & Liabilities
- 6.7.6. Growth in Income & Expenditure
- 6.7.7. Income & Expenditure
- 6.7.8. Liabilities
- 6.7.9. Liquidity Ratios
- 6.7.10. Profitability Ratio
- 6.7.11. Profits
- 6.7.12. Return Ratios
- 6.7.13. Structure of Assets & Liabilities (%)
- 6.7.14. Working Capital & Turnover Ratios

7. EXPORT & IMPORT STATISTICS DATA OF INDIA

7.1. EXPORT STATISTICS DATA ON FRUIT CHIP

- 
- 7.2. EXPORT STATISTICS DATA ON VEGETABLE CHIPS
 - 7.3. IMPORT STATISTICS DATA ON VEGETABLE CHIPS

8. PRESENT MANUFACTURERS

9. RAW MATERIAL DETAILS

- 9.1. SWEET POTATO
- 9.2. BEETROOT
- 9.3. BEANS

10. MANUFACTURING PROCESS

- 10.1. SWEET POTATO AND BEETROOT CHIPS



10.2. BEANS CHIPS

11. VACUUM FRYING PROCESS

11.1. VACUUM FRYERS

12. PACKAGING THE CHIPS

13. PROCESSFLOW DIAGRAM

13.1. SWEET POTATO & BEETROOT CHIPS

13.2. BEAN CHIPS

14. SUPPLIERS OF RAW MATERIAL

15. SUPPLIERS OF PLANT & MACHINERY

16. PRODUCT, MACHINERY & RAW MATERIAL PHOTOGRAPHS

16.1. RAW MATERIAL PHOTOGRAPHS

16.2. MACHINERY PHOTOGRAPHS

16.3. PRODUCT PHOTOGRAPHS

17. PLANT LAYOUT

Project Financials

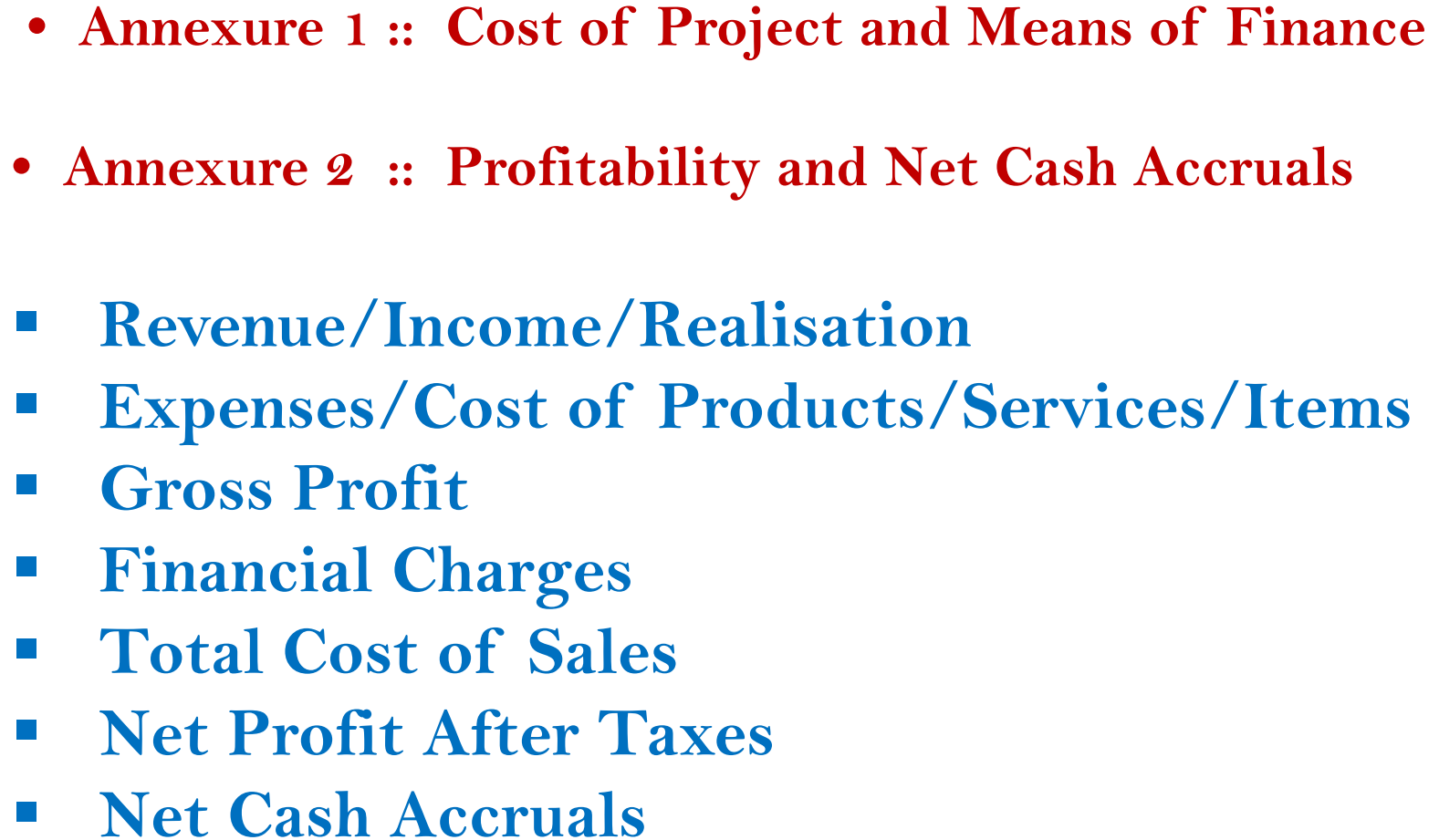
• Project at a Glance	Annexure
• Assumptions for Profitability workings	1
• Plant Economics.....	2
• Production Schedule.....	3
• Land & Building.....	4
Factory Land & Building	
Site Development Expenses	

- **Plant & Machinery.....5**
 - Indigenous Machineries**
 - Other Machineries (Miscellaneous, Laboratory etc.)**

- **Other Fixed Assets.....6**
 - Furniture & Fixtures**
 - Pre-operative and Preliminary Expenses**
 - Technical Knowhow**
 - Provision of Contingencies**

- **Working Capital Requirement Per Month.....7**
 - Raw Material**
 - Packing Material**
 - Lab & ETP Chemical Cost**
 - Consumable Store**

- **Overheads Required Per Month and Per Annum.....8**
 - Utilities & Overheads (Power, Water and Fuel Expenses etc.)**
 - Royalty and Other Charges**
 - Selling and Distribution Expenses**
- **Salary and Wages9**
- **Turnover Per Annum10**
- **Share Capital.....11**
 - Equity Capital**
 - Preference Share Capital**

- 
- **Annexure 1 :: Cost of Project and Means of Finance**
 - **Annexure 2 :: Profitability and Net Cash Accruals**
 - **Revenue/Income/Realisation**
 - **Expenses/Cost of Products/Services/Items**
 - **Gross Profit**
 - **Financial Charges**
 - **Total Cost of Sales**
 - **Net Profit After Taxes**
 - **Net Cash Accruals**



- **Annexure 3 :: Assessment of Working Capital requirements**

- **Current Assets**
- **Gross Working Capital**
- **Current Liabilities**
- **Net Working Capital**
- **Working Note for Calculation of Work-in-process**

- **Annexure 4 :: Sources and Disposition of Funds**

• **Annexure 5 :: Projected Balance Sheets**

- **ROI (Average of Fixed Assets)**
- **RONW (Average of Share Capital)**
- **ROI (Average of Total Assets)**

• **Annexure 6 :: Profitability Ratios**

- **D.S.C.R**
- **Earnings Per Share (EPS)**
- **Debt Equity Ratio**



- **Annexure 7 :: Break-Even Analysis**

- **Variable Cost & Expenses**
- **Semi-Variable/Semi-Fixed Expenses**
- **Profit Volume Ratio (PVR)**
- **Fixed Expenses / Cost**
- **B.E.P**



- **Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume**

- **Resultant N.P.B.T**
- **Resultant D.S.C.R**
- **Resultant PV Ratio**
- **Resultant DER**
- **Resultant ROI**
- **Resultant BEP**



- **Annexure 12 :: Shareholding Pattern and Stake Status**

- **Equity Capital**

- **Preference Share Capital**

- **Annexure 13 :: Quantitative Details-Output/Sales/Stocks**

- **Determined Capacity P.A of Products/Services**

- **Achievable Efficiency/Yield % of Products/Services/Items**

- **Net Usable Load/Capacity of Products/Services/Items**

- **Expected Sales/ Revenue/ Income of Products/ Services/ Items**

- **Annexure 14** :: **Product wise Domestic Sales Realisation**
- **Annexure 15** :: **Total Raw Material Cost**
- **Annexure 16** :: **Raw Material Cost per unit**
- **Annexure 17** :: **Total Lab & ETP Chemical Cost**
- **Annexure 18** :: **Consumables, Store etc.**
- **Annexure 19** :: **Packing Material Cost**
- **Annexure 20** :: **Packing Material Cost Per Unit**

- **Annexure 21** :: **Employees Expenses**
- **Annexure 22** :: **Fuel Expenses**
- **Annexure 23** :: **Power/Electricity Expenses**
- **Annexure 24** :: **Royalty & Other Charges**
- **Annexure 25** :: **Repairs & Maintenance**

Expenses

- **Annexure 26** :: **Other Manufacturing Expenses**
- **Annexure 27** :: **Administration Expenses**
- **Annexure 28** :: **Selling Expenses**

- **Annexure 29 :: Depreciation Charges – as per Books (Total)**
- **Annexure 30 :: Depreciation Charges – as per Books (P & M)**
- **Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)**
- **Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)**
- **Annexure 33 :: Interest and Repayment - Term Loans**
- **Annexure 34 :: Tax on Profits**
- **Annexure 35 :: Projected Pay-Back Period and IRR**

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 Vacuum Fried Snacks: Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot)” provides an insight into the Vacuum Fried Snacks: Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Vacuum Fried Snacks: Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) project. The report assesses the market sizing and growth of the Indian Vacuum Fried Snacks: Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) 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 NPCCS, 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 Vacuum Fried Snacks: Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) sector in India along with its business prospects. Through this report we have identified Vacuum Fried Snacks: Vacuum Fried Vegetable Chips (Sweet Potato, Beans and Beetroot) project as a lucrative investment avenue.



Start Sweet Potato Chips Business, Vacuum Fried Vegetable Chips Manufacture, Vacuum Fried Fruits & Vegetables Chips Processing, Vegetables Chips Production, Vegetable Chips Process Line, How to Make Veggie Chips, How to Make Vegetable Chips, Vegetable Chips Making, Vacuum Fried Vegetable Chips, Production of Vegetable Chips, Making Your Own Vegetable Chips, Ways to Make Veggie Chips, How to Make Your Own Vacuum Fried Vegetable Chips, Vegetable Chips Manufacturing, Snacks Processing, Making Vegetable Chips, Vegetable Vacuum Chips Making, Small Scale Vacuum Fried Veggie Chips Processing, Potato Chips Manufacture, Manufacturing of Vegetable Chips, How Potato Chip is Made, Process of Manufacture of Veggie Chips, Method of Producing Potato Chips, Potato Chip Making Plant, Methods for Making Vacuum Fried Veggie Chips, Vegetable Chips Production Line, Process for Production of Vegetable Chips, Project on Production of Vegetable Chips, Potato Chips Processing Line, Manufacture of Vacuum Fried Potato Chips, Food Processing, Potato Chips Production, Sweet Potato Chips Making, Method for Manufacturing Sweet Potato Chips, Making Sweet Potato Chips, Sweet Potato Chips Production Line, Small Scale Sweet Potato Production Line, How to Make Sweet Potato Chips, How to Start Potato Chips Production Business, Processing of Vacuum Fried Sweet Potato Chips, Process of Producing Sweet Potato Chips,



Commercial Vacuum Fried Sweet Potato Chips Making, Methods of Manufacturing Sweet Potato Chips, Sweet Potato Chips Manufacture, Sweet Potato Chips Manufacturing Plant, Vacuum Fried Sweet Potato Chips Processing Plant, Process for Preparing Potato Chips, Vacuum Fried Bean Chips Manufacture, Method of Making Bean Chips, Method for Manufacturing of Bean Chips, Method for Production of Bean Chips, Manufacturing Plant of Bean Chips, Bean Chips Manufacturing Plant, Bean Chips Manufacturing Unit, Production Plant of Vacuum Fried Bean Chips, Manufacturing Process of Bean Chips, Bean Chips Manufacturing Process, Production Process of Vacuum Fried Bean Chips, Bean Chips Production Process, Production Plant of Bean Chips, Starting Manufacturing Business of Bean Chips, Bean Chips Manufacturing Business, Bean Chips Manufacturing Project, Bean Chips Production Project, Starting Manufacturing Business of Bean Chips, Beetroot Chips Manufacture, Beetroot Chips Processing, How to Make Beetroot Chips, Process for Producing Beetroot Chips, Process for Production Of Beetroot Chips, Methods for Making Vacuum Fried Beetroot Chips, Manufacturing, Production of Beetroot Chips, Commercial Production of Beetroot Chips, Method for Manufacturing Vacuum Fried Beetroot Chips, Manufacturing Process of Beetroot Chips, Chips Manufacturing Industry, Beetroot Chips Manufacturing Projects, Potato Processing Line, Potato processing industry, Processing Potatoes, Potato Processing Plant, Sweet Potato Processing,

Potato Processing industry in India, Potato Chips Industry in India, Potato and Potato Products Processing, Beans Processing Plant, Bean Processing, How To Start Beans Processing Business, Processing of Beans, Sweet Potato Processing Plant, Processing of Beetroot, Beetroot Processing, Beetroot Processing Line, Beetroot Processing Industry, Sweet Potato Chips Manufacturing Project Ideas, Projects on Small Scale Industries, Small Scale Industries Projects Ideas, Vegetable Chips Production Based Small Scale Industries Projects, Project Profile on Small Scale Industries, How to Start Vegetable Chips Production in India, Bean Chips Manufacturing Projects, New Project Profile on Sweet Potato Chips Manufacturing Industries, Project Report on Sweet Potato Chips Manufacturing Industry, Detailed Project Report on Bean Chips Manufacturing, Project Report on Vacuum Fried Sweet Potato Chips Manufacturing, Pre-Investment Feasibility Study on Beetroot Chips Manufacturing, Techno-Economic Feasibility Study on Beetroot Chips Manufacturing, Feasibility Report on Bean Chips Manufacturing, Free Project Profile on Sweet Potato Chips Manufacturing, Project Profile on Vacuum Fried Vegetable Chips Production, Download Free Project Profile on Vacuum Fried Beetroot Chips Manufacturing,

Industrial Project Report, Project Consultant, Project Consultancy, NPCS, Niir, Process Technology Books, Business Consultancy, Business Consultant, Project Identification and Selection, Preparation of Project Profiles, Startup, Business Guidance, Business Guidance to Clients, Startup Project for Vacuum Fried Vegetable Chips Production, Startup Project, Startup Ideas, Project for Startups, Startup Project Plan, Business Start-Up, Business Plan for Startup Business, Great Opportunity for Startup, Small Start-Up Business Project, 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, Detailed Project Plan Reports, Most Profitable Food Processing Business Ideas, Food Processing Industry, Profitable Food Processing Business in India, Starting 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, Projects for Small Scale Food Processing Industry, How to Start Manufacturing Processing Business, Food Manufacturing Industry, Project Report on Food Processing & Agro Based, Food Processing Plants, How to Start Food Production Business, How to Start Food Processing Industry in India



**Niir Project Consultancy Services (NPCS)
can provide Detailed Project Report on
Vacuum Fried Snacks**

Vacuum Fried Vegetable Chips
(Sweet Potato, Beans and Beetroot)

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

See more

<https://goo.gl/HKfg4U>

<https://goo.gl/7Qje6b>

<https://goo.gl/q3DwCu>

<https://goo.gl/N89C9F>

<https://goo.gl/WMEbPi>

<https://goo.gl/R4nUc8>

<https://goo.gl/QFz41M>

<https://goo.gl/7eVrSr>

<https://goo.gl/mKjy2L>





Visit us at

www.entrepreneurindia.co



www.entrepreneurindia.co



**Take a look at
Niir Project Consultancy Services
on #Street View**

<https://goo.gl/VstWkd>

*Locate us on
Google Maps*

<https://goo.gl/maps/BKkUtq9gevT2>

OUR CLIENTS

Our inexhaustible Client list includes public-sector companies, Corporate Houses, Government undertaking, individual entrepreneurs, NRI, Foreign investors, non-profit organizations and educational institutions from all parts of the World. The list is just a glimpse of our esteemed & satisfied Clients.

Click here to take a look
<https://goo.gl/G3ICjV>

Free Instant Online Project Identification & Selection Search Facility

Selection process starts with the generation of a product idea. In order to select the most promising project, the entrepreneur needs to generate a few ideas about the possible projects.

Here's we offer a best and easiest way for every entrepreneur to searching criteria of projects on our website www.entrepreneurindia.co that is "Instant Online Project Identification and Selection"

NPCS 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.

Click here to go

<http://www.entrepreneurindia.co/project-identification>

Contact us

Niir Project Consultancy Services

**106-E, Kamla Nagar, Opp. Spark Mall,
New Delhi-110007, India.**

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886, 8800733955

Mobile: +91-9811043595

Website : www.entrepreneurindia.co , www.niir.org

**Take a look at NIIR PROJECT CONSULTANCY SERVICES on
#StreetView**

<https://goo.gl/VstWkd>





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*

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

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*

Sectors We Cover *Cont...*

- *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*

Sectors We Cover *Cont...*

- *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*

Sectors We Cover *Cont...*

- *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.*

Sectors We Cover *Cont...*

- *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.*

Sectors We Cover *Cont...*

- *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*

Sectors We Cover *Cont...*

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

Contact us

Niir Project Consultancy Services

106-E, Kamla Nagar, Opp. Spark Mall,

New Delhi-110007, India.

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886, 8800733955

Mobile: +91-9811043595

Website : www.entrepreneurindia.co , www.niir.org

Take a look at NIIR PROJECT CONSULTANCY SERVICES on

#StreetView

<https://goo.gl/VstWkd>



Follow us



➤ <https://www.linkedin.com/company/niir-project-consultancy-services>



➤ <https://www.facebook.com/NIIR.ORG>



➤ <https://www.youtube.com/user/NIIRproject>



➤ <https://plus.google.com/+EntrepreneurIndiaNewDelhi>



➤ https://twitter.com/npcs_in



➤ <https://www.pinterest.com/npcsindia/>



A white plate filled with a variety of colorful vegetable chips, including golden-brown potato chips, orange carrot chips, purple potato chips, and lotus root chips. A small, rectangular, light-brown card with the words "Thank you" written in black cursive script is placed on top of the chips. A black fountain pen with a gold nib is positioned next to the card, as if it has just finished writing.

Thank
you

For more information, visit us at:

www.niir.org

www.entrepreneurindia.co



www.entrepreneurindia.co