



Manufacturing Business Plan of **Fatty Alcohol,** **Banana Wine , Medium-** **Density Polyethylene** **(MDPE) Pipes, uPVC and** **CPVC Pipes**

<https://www.niir.org>

<https://www.entrepreneurindia.co>

Introduction

If you're thinking about starting a business in fatty alcohol, banana wine, and medium-density polyethylene (MDPE) pipes, uPVC and CPVC pipes, you've come to the right place! Here at start Fatty Alcohol, Banana Wine, Medium-Density Polyethylene (MDPE) Pipes, uPVC and CPVC Pipes, we can help you get on your way.

Fatty Alcohol **Manufacturing** **Business Plan**



The chemical formula for fatty alcohols, sometimes referred to as aliphatic alcohols, is $C_nH_{2n+1}OH$, however they differ slightly from their non-alcoholic cousins (n denotes the number of carbon atoms in the molecule). A class of chemical substance known as fatty alcohols can be produced artificially or obtained from plants. Acetyl alcohol, stearyl alcohol, and lauryl alcohol are examples of typical fatty alcohols.

Visit this Page for More Information: [Start a Business in Alcohol Industry](#)

Uses of Fatty Alcohol

Fatty alcohols have a variety of different purposes than just serving as emollients or thickeners in cosmetics and skincare products. Skin might become dry when exposed to fatty alcohols. However, they can be useful in the fight against acne and greasy skin. Some fatty alcohols can even stop the growth of bacteria, making them a useful component in some antiseptic ointments. Additionally, they make an ideal solvent for perfume oil mixtures due to their lack of color and smell.

Related Business Plan: [Fatty Alcohol Manufacturing Business Plan](#)



Market size in India

Demand for fatty alcohol reached 3.6 million tonnes in 2020, and through the projected period of 2030, it is expected to expand at a respectable CAGR of 4.60%. The increased demand for cleaning and personal care products as well as the increase in disposable income are the main factors driving this industry.





Start
Banana Wine
Production Business

Banana wine has a pleasant aroma, a distinct flavor reminiscent of light fruit, and a hue like honey. Ripe bananas serve as the major component in a recipe for banana wine. Banana wine can be created either sweet or dry depending on the recipe used. Because they are among the sweetest fruits, bananas are loaded with sugar, which is essential for the production of wine. It typically just needs a few additions to bring the acidity level into equilibrium. Since bananas typically pair well with a wide variety of other fruits, the choices are virtually unlimited and only constrained by your own ingenuity or imagination.

Visit this Page for More Information: [Start a Business in Beer and Wine Industry](#)

Uses of Banana Wine

One of the most well-known high-value goods made from fruits is wine.

Additionally, it can serve as a base for producing vinegar, a by-product of making wine. A significant staple starchy food is bananas. It is a seasonal fruit that can be found all year long but is very perishable.

Related Business Plan: [Start Banana Wine Production Business](#)



Market size in India

Over the previous five years, the Indian wine market experienced development at a CAGR of more than 25%. Some of the factors contributing to this expansion include the increasing appeal of vineyards as tourist destinations, higher disposable incomes and an increase in foreign visitors, as well as the promotion of wine's health benefits. Wine sales in India are also being fueled by international travel and exposure to nations where drinking wine is a way of life.





Production Business of

**Medium-Density
Polyethylene
(MDPE) Pipes**

A kind of polyethylene with a moderate density is known as medium-density polyethylene (MDPE). MDPE typically has a density of 0.93 to 0.97 grammes per cubic centimetre. The normal melting range for this resin is 110–130 °C (230–266 °F). Natural gas distribution, LPG/Propane transmission, and chemical transportation all use MDPE pipe.

Because they are constructed entirely of recycled materials and are less expensive over time, MDPE (medium density polyethylene) pipes are excellent substitutes for conventional steel pipes. MDPE pipes are formed of the plastic material high-density polyethylene.

Visit this Page for More Information: [Start a Business in Pipe and Tubes Industry](#)

Uses of Medium-Density Polyethylene (MDPE) Pipes

The most popular type of pipe utilized in the construction sector is MDPE. They are reasonably priced, simple to install, and environmentally friendly because they are constructed from recycled materials and may be used for water mains, sewer lines, and other forms of piping.

Related Business Plan: [Production Business of Medium-Density Polyethylene \(MDPE\) Pipes](#)



Market size in India

The market for polyolefin pipes is expected to reach USD 24.1 billion by 2026, at a CAGR of 5.3%, from an estimated USD 18.6 billion in 2021.

The expanding building and construction, agricultural, and other industries in the developing economies of APAC and South America are the main drivers of the polyolefin pipes market expansion. Additionally, the expansion of the market will be fueled by the rising use of PE globally.

Watch Other Informative Video: [HDPE](#) | [PP Bags](#) | [High Density Polyethylene](#) | [Polypropylene Plastic Bags Production](#)

Setting up

uPVC and CPVC Pipes Business



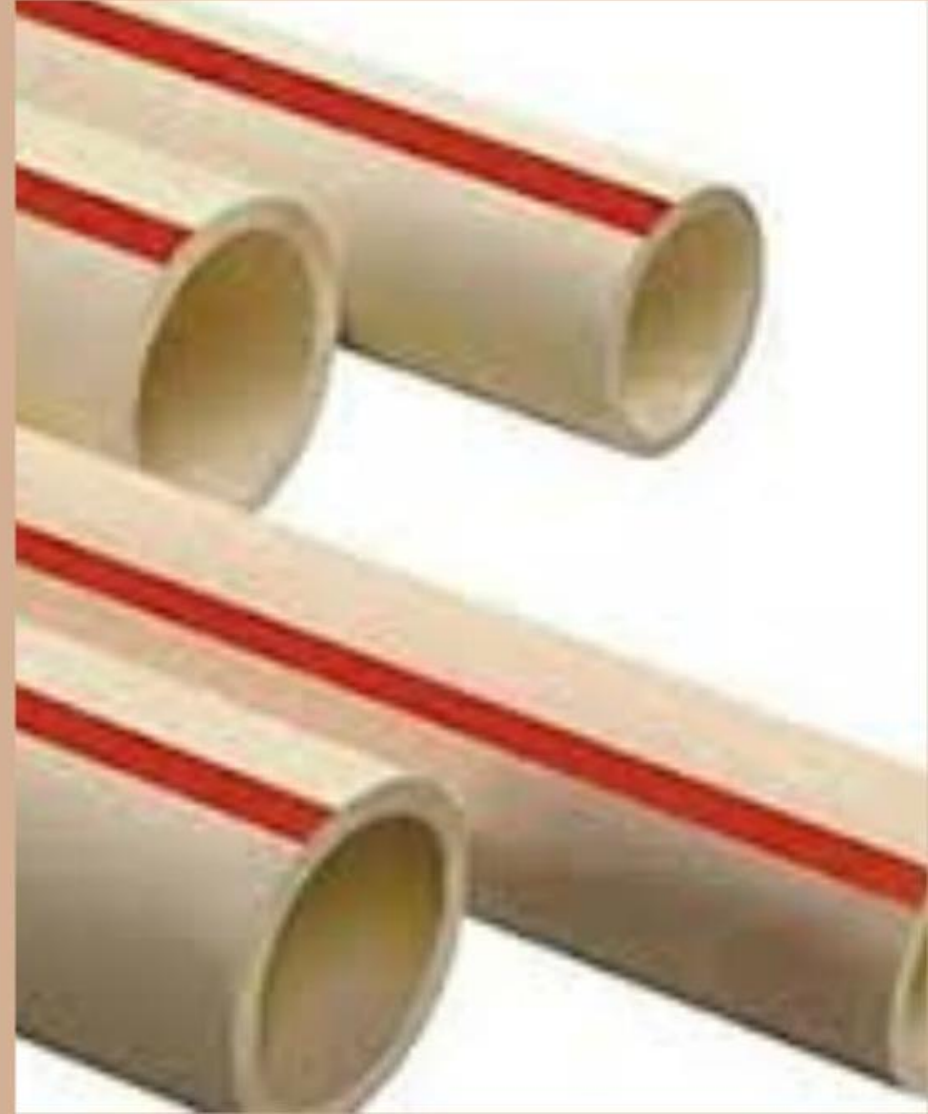
Un-plasticized polyvinyl chloride is known as uPVC. Other names for it are hard PVC and UPVC. Chlorinated polyvinyl chloride is known as CPVC. It is comparable to PVC but more heat- and chemical-resistant.

Unplasticized polyvinyl chloride, or uPVC, pipes and fittings offer outstanding resistance to hostile environments that can develop naturally or as a result of industrial activities. Nearly all types of corrosion, whether chemical or electrochemical in nature, are resistant to them. Galvanic and electrochemical effects do not happen in uPVC pipes since it is a non-conductor.

Visit this Page for More Information: [Start a Business in Pipe and Tubes Industry](#)

Uses of uPVC and CPVC Pipes

Plumbing and irrigation applications often use uPVC and CPVC pipes. Due to their resistance to the majority of acids and bases, they are also utilized in the chemical sector. uPVC pipes are a well-liked option for both residential and commercial use since they are simple to install and require little maintenance. Though slightly more expensive than uPVC pipes, CPVC pipes are frequently employed in high-temperature applications and have better corrosion resistance.



Market size in India

The market for CPVC pipes and fittings was valued at USD 1491.9 million in 2021, and it is anticipated to increase to USD 3407.6 million by 2030, rising at a CAGR of 12.52 percent between 2022 and 2030.

Watch Other Informative Video: [uPVC Pipes | An Investment Opportunity](#)





TAGS

***#ManufacturingBusinessIdeas,
#startyourownBusiness, #ProjectReport,
#BusinessOpportunity, #BusinessPlan, #NPCS,
#EntrepreneurIndia, #Fatty, #Alcohol, #Banana,
#Wine, #BananaWine, #Medium, #Density,
#MediumDensity, #Polyethylene, #MDPE, #Pipes,
#MdpePipes, #MediumDensityPolyethylene, #UPVC,
#CPVC, #Pipes, #UPVCPipes, #CPVCPipes,***



Major Queries/Questions Answered in Business Plan

- 1. How has the industry performed so far and how will it perform in the coming years?**
- 2. What is the Business Feasibility Study 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 Startup 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?

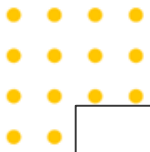
12. What is the total size of land required for setting up the plant?

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?**



Financial Statements of the Business

Project at a Glance

Annexure

- Assumptions for Profitability workings1
- 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**



For more Business Plans and further details, visit at:

[Project Reports & Profiles](#)

[BOOKS & DATABASES](#)

[Market Research Report](#)

Must Visit Links



Looking for a Startup Consulting Services, [Click Here](#)



Start a Business in Africa, [Click Here](#)



Start a Business in India, [Click Here](#)



Start a Business in Middle East, [Click Here](#)



Start a Business in Asia, [Click Here](#)



Start a Business in Potential Countries for Doing Business, [Click Here](#)



Best Industry for Doing Business, [Click Here](#)




Business Ideas with Low, Medium & High Investment, [Click Here](#)

Looking for Most Demandable Business Ideas for Startups, [Click Here](#)

Reasons for Buying Our Business Plan

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

- 
- ✓ **This Business Plan helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
 - ✓ **The Business Plan provides a glimpse of government regulations applicable on the industry**
 - ✓ **The Business Plan provides forecasts of key parameters which helps 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**

How to Choose The Right Business For You?

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 Businesses 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 Business Ideas on the basis of mentioned pointers and identify a suitable Business Plan matching your investment requisites.....[Read more](#)

[Download Complete List of Project Reports](#)

- [Detailed Project Reports](#)

Visit:- <https://www.entrepreneurindia.co/complete-project-list>

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 Business Plan 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](#)

Who are we?

A trusted and leading name in the industry, we have been putting forth exceptionally integrated and comprehensive technical consultancy services. We believe that project consultancy serves as a critical element for the success of your projects. Moreover, we keep in mind that no client is the same and nor are the requirements. Therefore, we ensure uniqueness in every service you avail from us.

What do we offer?

- **Selection of Right Business Ideas For You (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

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

Our Approach

Requirement collection

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

Report Compilation



- 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.

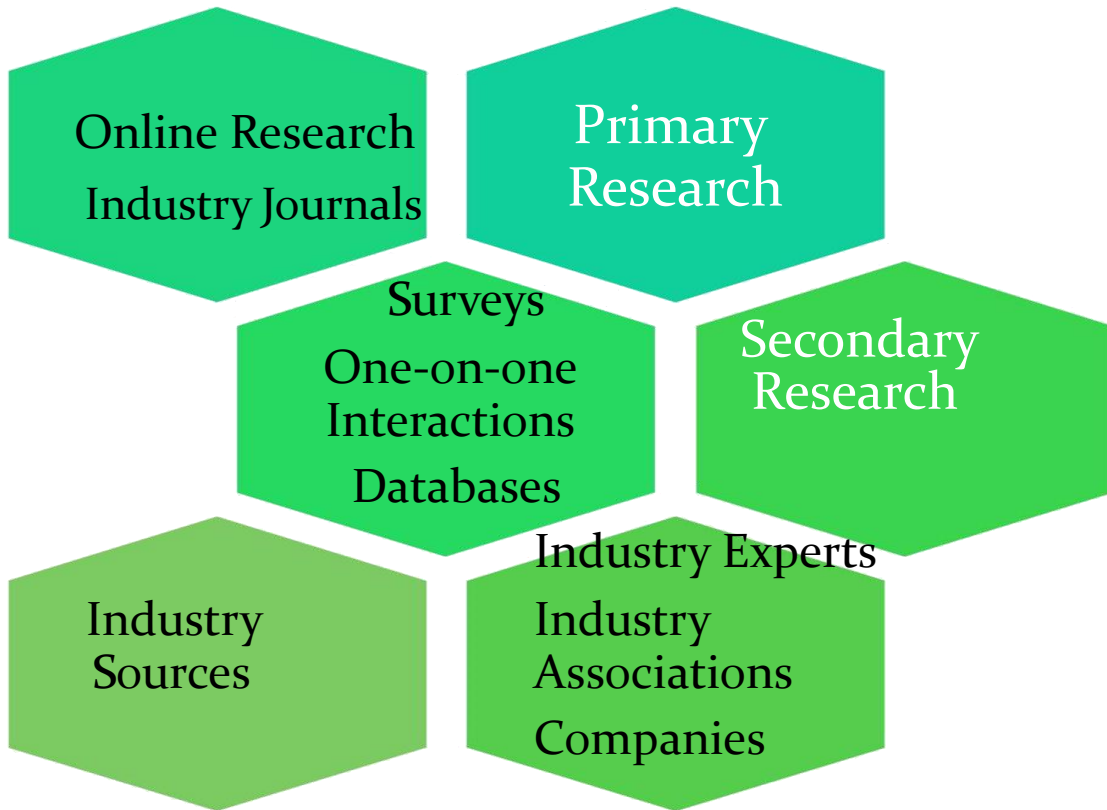
- Potato And Potato Based Projects
- Printing And Packaging
- Real Estate, Leisure And Hospitality
- Rubber And Rubber Products
- Soaps And Detergents
- Stationary Products
- Spices And Snacks Food
- Steel & Steel Products
- Textile Auxiliary And Chemicals
- Township & Residential Complex
- Textiles And Readymade Garments
- Waste Management & Recycling
- Wood & Wood Products
- Water Industry(Packaged Drinking Water & Mineral Water)
- Wire & Cable

- To get a detailed scenario of the industry along with its structure and classification
- To provide a comprehensive analysis of the industry by covering aspects like:
 - Growth drivers of the industry
 - Latest market trends
 - Insights on regulatory framework
 - SWOT Analysis
 - Demand-Supply Situation
 - Foreign Trade
 - Porters 5 Forces Analysis
- To provide forecasts of key parameters which helps to anticipate the industry performance
- To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- To help an entrepreneur/manager in keeping abreast with the changes in the industry
- To evaluate the competitive landscape of the industry by detailing:
 - Key players with their market shares
 - Financial comparison of present players

- Venturist/Capitalists
- Entrepreneur/Companies
- Industry Researchers
- Investment Funds
- Foreign Investors, NRI's
- Project Consultants/Chartered Accountants
- Banks
- Corporates

[Click here for list](#)

Data Sources



Scope & Coverage



✧ Our research team comprises of experts from various financial fields:

✧ MBA's

✧ Industry Researchers

✧ Financial Planners

✧ Research veterans with decades of experience



Visit us at



www.entrepreneurindia.co



www.niir.org

www.niir.org

www.entrepreneurindia.co

**Take a look at
NIIR PROJECT CONSULTANCY SERVICES
on #Street View**

[google-street-view](#)

**Locate us on
[Google Maps](#)**



AN ISO 9001 : 2015 CERTIFIED COMPANY

NIIR PROJECT CONSULTANCY SERVICES

Entrepreneur India

Contact us

NIIR PROJECT CONSULTANCY SERVICES

Entrepreneur India

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

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

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

Mobile: +91-9097075054, 8800733955

Fax: +91-11-23845886

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

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

[google-street-view](https://www.google.com/maps/@28.6452711,77.1002611,15z)

Follow us



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



<https://www.facebook.com/NIIR.ORG>



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



https://twitter.com/npcs_in



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

Thanku You

For more information, visit us at:

www.entrepreneurindia.co

www.niir.org

