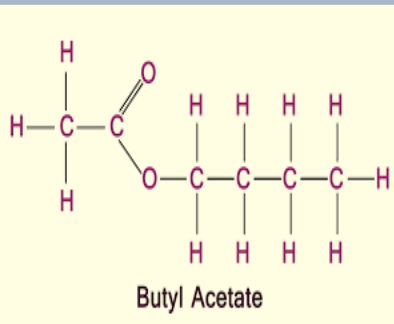
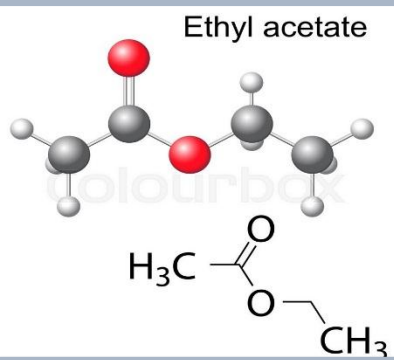


Profitable Project Investment Opportunity in Acetates Production.

Ethyl and Butyl Acetate Manufacturing Business

Introduction

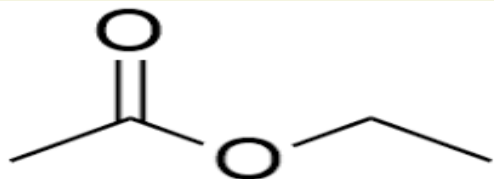
Ethyl acetate

Ethyl acetate is a moderately polar solvent that has the advantages of being volatile, relatively non-toxic and non-hygroscopic. It is an important green organic solvent with excellent dissolving ability and quick-drying property. Ethyl acetate (structure shown above) is the most familiar ester to many chemistry students and possibly the ester with the widest range of uses. Esters are structurally derived from carboxylic acids by replacing the acidic hydrogen by an alkyl or aryl group. Ethyl acetate itself is a colourless liquid at room temperature with a pleasant "fruity" smell, b.p. 77°C.

Common Uses of Ethyl Acetate

Ethyl acetate is manufactured on a large scale, as over 1 million tons are produced annually in the world. This chemical is used commonly due to its low cost and agreeable aroma.

- **Nail polish remover**
- **Cigarettes**
- **Glue**
- **Paint (as an activator or hardener)**
- **Confections (as an artificial flavor)**
- **Perfume**



Ethyl acetate

Ethyl acetate has many uses, such as artificial fruit essences and aroma enhancers, artificial flavours for confectionery, ice cream and cakes, as a solvent in many applications (including decaffeinating tea and coffee) for varnishes and paints (nail varnish remover), and for the manufacture of printing inks and perfumes.

Ethyl acetate is most commonly used as a solvent (due to its dilution properties). As a high purity solvent, it is used in cleaning electric circuit boards and as a nail polish remover. At a lower purity, it can be used as in printing, pharmaceuticals, perfumes, food, decaffeination of tea/coffee and a carrier solvent for herbicides. Ethyl acetate is also used in coating formulations for wood furniture, agricultural, construction equipment, mining equipment and marine uses. It is also naturally produced in wine during the fermentation process. The main user end markets of these product are the electronics, cosmetic, printing, food and coatings industries.

In addition to the common uses listed above, ethyl acetate is also used in the process of decaffeinating coffee and tea, and it occurs as a byproduct of acetic acid and ethyl alcohol in wine fermentation.

Ethyl Acetate Market size may grow significantly over the forecast timeframe as it is used as solvent in inks, oil based enamels and adhesives. It also finds application in cosmetics, wine food & beverage and laboratory experiments.



It is organic in nature and known as ethyl ethanoate, acetic ester or acetic ether. It is manufactured by Fischer ethanol esterification and acetic acid or ethanol dehydrogenation Hydrogenation process is more economical and commonly accepted process in chemical plant.

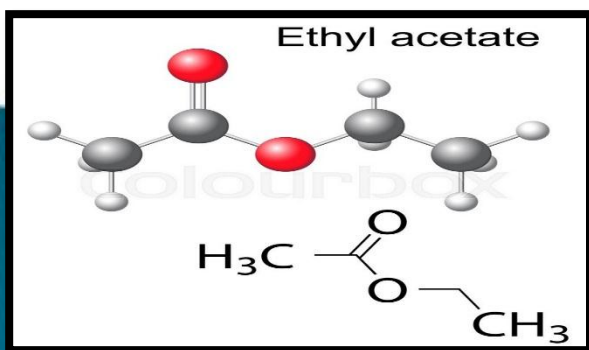
Ethyl acetate has wide application scope in nail products including nail polish removers, nail polishes and base coats as efficient solvent. It possesses fruity odour and acts as film forming agent in nail paint. It is also used in nail paint remover as it is gentle on nail enamel and quickly removes nail paint. Frequent consumer visits in spa and salon to maintain nails may contribute towards product demand. Rise in nail products demand due to growing awareness regarding personal grooming mainly in young generation may boost product demand in nail care applications.

Ethyl acetate is common two components solvents in column chromatography. It has more than four polarities thereby used in difficult separations. Column chromatography is used in wine industry to differentiate various wine types and to study wine vintage. Global chromatography market was valued at over USD 7.05 billion in 2016. Rise in wine consumption mainly in Germany and UK should favour ethyl acetate market size.

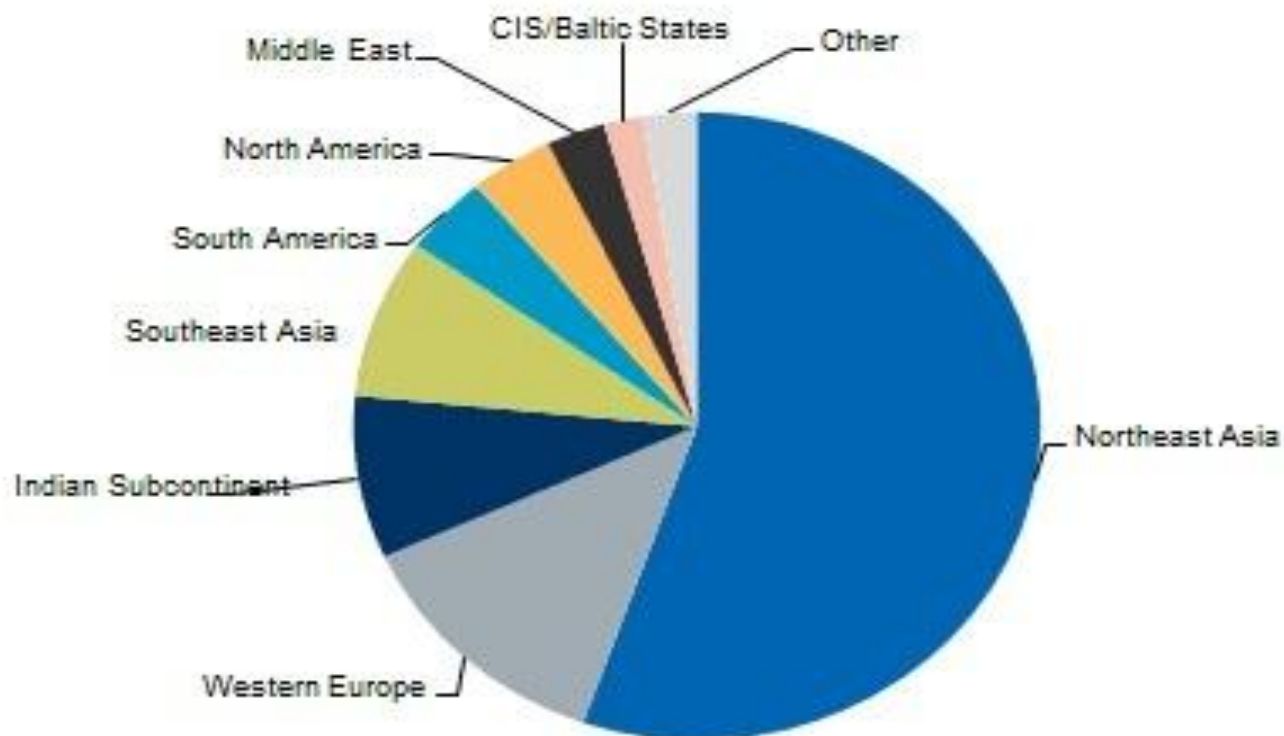
The global ethyl acetate market has experienced a remarkable growth over the last decade owing to its use in the several industries such as food & beverage, pharmaceutical, cosmetics, laboratories and others. Progressive growth in such industries has propelled the demand for ethyl acetate across the world.

Domestic demand is driven by its use as a solvent for printing inks, paints and in pharmaceuticals as well as in exports. India exports significant volumes of ethyl acetate, however, domestic production is not up to full capacity because of low demand.

Ethyl Acetate is an organic compound produced by Fischer ethanol esterification and ethanol dehydrogenation process. This process is termed as an economic process and widely used in a chemical plant. Ethyl Acetate is prominently used in automotive, construction, pharmaceuticals, medical, food & beverages, packaging, to produce best quality products in the sectors.



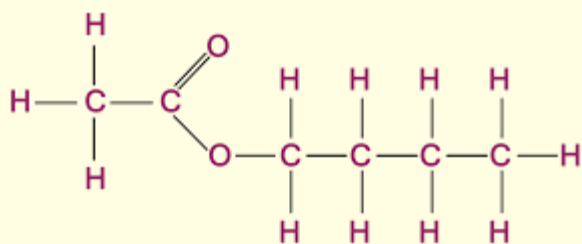
Global Consumption of Ethyl Acetate-2015



Butyl acetate

Butyl acetate, also known as butyl ethanoate is an organic compound which is majorly used as a solvent for manufacturing lacquers and other products. It is a flammable colorless liquid which is found in various types of fruits. Butyl acetate is commonly used as a synthetic fruit flavoring in certain food products such as cheese, ice creams, candies and baked goods. It is primarily manufactured by the Fischer esterification of acetic acid and butanol isomer in the presence of catalytic sulfuric acid. Butyl acetate also serves as a raw material in certain coating, cosmetic and adhesive industries. Various isomers of butyl acetate are produced in the industry such as sec-butyl acetate, tert-butyl acetate and isobutyl acetate.

Butyl acetate is widely used as a solvent for lacquers, since it provides good flow and brush resistance in film-coating resins such as cellulose nitrate, cellulose acetate butyrate, ethyl cellulose, polystyrene, and methyl methacrylate resins. It is also largely used as a solvent in the manufacture of plastics, textiles, artificial leathers, as an ingredient for perfumes & synthetic flavors, and as an extractant for oils & pharmaceuticals. China, Germany, and U.S. are the largest consumers of n-butanol for manufacturing butyl acetate. Growth in this segment is driven by increasing use of paints, lacquers, and cosmetics.

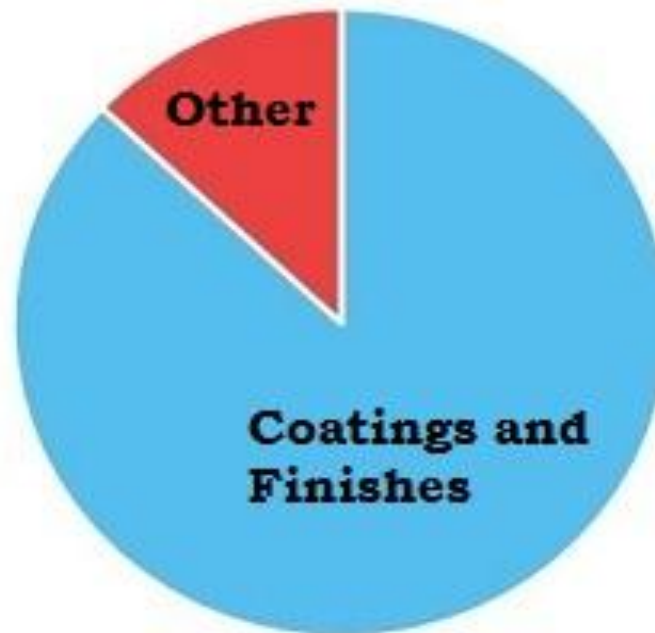


Butyl Acetate

The market for butyl acetate (BAC or butac), which primarily is a colorless flammable liquid ester with fragrance, is flourishing on the back of the prosperity of its various end-use industries such as building and construction and automotive. In addition to that, butyl acetate is now frequently used as synthetic fruit flavoring agent for the manufacturing of food products such as cheese, ice creams, bakery products, and candles. It also is used as a raw material for the production of cosmetics, industrial adhesives, and certain coating. Consequently, as each of these industries touch new peaks in the near future, the demand in the global butyl acetate market is anticipated to increment at a notable CAGR during the forecast period of 2017 to 2025.

The demand for butyl acetate has been swelling consistently, aggressively during peak season for solvents. In addition to that, increasing usage of water-based coatings by the building and constructing industry as well as growing demand for automotive paints are also reflecting positively on the market. A number of cosmetic products and adhesives are now also produced using butyl acetate, which is further providing traction to the market. Butyl acetate is now a common solvent for the manufacturing of textiles, plastics, artificial leathers, as an extractant for oils & pharmaceuticals and as an ingredient for perfumes & synthetic flavors. On the other hand, hazardous issues pertaining to the production of butyl acetate and the need to continuously monitor the exposure level are obstructing the market from attaining its true potential.

Global Butyl Acetate Demand by Application



The global market for butyl acetate has witnessed a significant growth over the past few years, primarily driven by the growing demand in the Asia Pacific region. Production facilities of the compound are primarily concentrated in North America and Europe, which also serve as the major exporting regions. Developed regions such as the Middle East is anticipated to gain significant share in the butyl acetate industry on account of increasing efforts by their governments to attract various petrochemical and chemical companies.



Project at a Glance

PROJECT AT A GLANCE				(` in lacs)			
COST OF PROJECT				MEANS OF FINANCE			
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total
Land & Site Development Exp.	0.00	50.00	50.00	Capital	0.00	136.50	136.50
Buildings	0.00	97.60	97.60	Share Premium	0.00	0.00	0.00
				Other Type Share			
Plant & Machineries	0.00	239.50	239.50	Capital	0.00	0.00	0.00
Motor Vehicles	0.00	8.00	8.00	Reserves & Surplus	0.00	0.00	0.00
Office Automation Equipments	0.00	41.50	41.50	Cash Subsidy	0.00	0.00	0.00
Technical Knowhow Fees & Exp.	0.00	25.00	25.00	Internal Cash Accruals	0.00	0.00	0.00
Franchise & Other Deposits	0.00	0.00	0.00	Long/Medium Term Borrowings	0.00	409.50	409.50
Preliminary& Pre-operative Exp	0.00	3.00	3.00	Debentures / Bonds	0.00	0.00	0.00
Provision for Contingencies	0.00	22.00	22.00	Unsecured Loans/Deposits	0.00	0.00	0.00
Margin Money - Working Capital	0.00	59.41	59.41				
TOTAL	0.00	546.01	546.01	TOTAL	0.00	546.01	546.01

Project at a Glance

Year	Annualised		Book Value	Debt	Divide nd	Retained Earnings		Payou t	Probab le Market Price	P/E Ratio	Yield Price/ Book Value
	EPS	CEPS	Per Share		Per Share	Per Share				No.of Times	
	`	`	`	`	`	%	`	%	`		%
1-2	5.10	9.26	15.10	24.00	0.00	100.00	5.10	0.00	5.10	1.00	0.00
2-3	8.11	11.72	23.21	18.00	0.00	100.00	8.11	0.00	8.11	1.00	0.00
3-4	11.08	14.22	34.30	12.00	0.00	100.00	11.08	0.00	11.08	1.00	0.00
4-5	13.93	16.67	48.23	6.00	0.00	100.00	13.93	0.00	13.93	1.00	0.00
5-6	16.63	19.02	64.86	0.00	0.00	100.00	16.63	0.00	16.63	1.00	0.00

Project at a Glance

Year	D. S. C. R.			Debt / Equity - Deposits Debt	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	1.35	1.35		1.59	1.59	3.30		8.27%	3.50%	2.56%	558.46	20.57%	3.15	1.05
2-3	1.66	1.50		0.78	0.78	2.05		9.38%	5.24%	3.50%	651.42	20.57%	3.34	1.21
3-4	2.04	1.67	2.04	0.35	0.35	1.34		10.11%	6.47%	4.18%	744.48	20.57%	3.36	1.39
4-5	2.49	1.84		0.12	0.12	0.91		10.60%	7.33%	4.67%	837.54	20.57%	3.27	1.60
5-6	3.02	2.04		0.00	0.00	0.65		10.91%	7.93%	5.02%	930.59	20.57%	3.12	2.07

Project at a Glance

BEP

BEP - Maximum Utilisation Year	5
Cash BEP (% of Installed Capacity)	57.94%
Total BEP (% of Installed Capacity)	61.45%
IRR, PAYBACK and FACR	
Internal Rate of Return .. (In %age)	27.82%
Payback Period of the Project is (In Years)	2 Years 3 Months
Fixed Assets Coverage Ratio (No. of times)	16.741

Major Queries/Questions Answered in the Report?

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

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

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up Ethyl and Butyl Acetate Manufacturing plant ?**
- 10. What are the requirements of raw material for setting up Ethyl and Butyl Acetate Manufacturing plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up Ethyl and Butyl Acetate Manufacturing Business?**
- 12. What is the Manufacturing Process of Ethyl and Butyl Acetate?**

- 13. What is the total size of land required for setting up Ethyl and Butyl Acetate Manufacturing plant ?**
- 14. What will be the income and expenditures for Ethyl and Butyl Acetate Manufacturing Business?**
- 15. What are the Projected Balance Sheets of Ethyl and Butyl Acetate Manufacturing plant ?**
- 16. What are the requirement of utilities and overheads for setting up Ethyl and Butyl Acetate Manufacturing plant?**
- 17. What is the Built up Area Requirement and cost for setting up Ethyl and Butyl Acetate Manufacturing Business?**

- 18. What are the Personnel (Manpower) Requirements for setting up Ethyl and Butyl Acetate Manufacturing Business?**
- 19. What are Statistics of Import & Export for Ethyl and Butyl Acetate?**
- 20. What is the time required to break-even of Ethyl and Butyl Acetate Manufacturing Business?**
- 21. What is the Break-Even Analysis of Ethyl and Butyl Acetate Manufacturing plant?**
- 22. What are the Project financials of Ethyl and Butyl Acetate Manufacturing Business?**

- 23. What are the Profitability Ratios of Ethyl and Butyl Acetate Manufacturing Project?**
- 24. What is the Sensitivity Analysis-Price/Volume of Ethyl and Butyl Acetate Manufacturing plant?**
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- 26. What is the Process Flow Sheet Diagram of Ethyl and Butyl Acetate Manufacturing project?**

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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 Ethyl and Butyl Acetate.” provides an insight into Ethyl and Butyl Acetate market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Ethyl and Butyl Acetate project. The report assesses the market sizing and growth of the Indian Ethyl and Butyl Acetate 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 Ethyl and Butyl Acetate sector in India along with its business prospects. Through this report we have identified Ethyl and Butyl Acetate project as a lucrative investment avenue.

Tags

Ethyl Acetate Production and Manufacturing Process, Ethyl Acetate Production, Production of Ethyl Acetate, Production of High-Purity Ethyl Acetate, Preparation of Ethyl Acetate, Ethyl Acetate, Ethyl Acetate Manufacturing Process Pdf, Ethyl Acetate Uses, Ethyl Acetate Production Plant, Ethyl Acetate Production Process Flow Diagram, Process for Ethyl Acetate Production, Method of Producing Ethyl Acetate, Manufacture of Ethyl Acetate, Ethyl Acetate Production Plant, Ethyl Acetate Production Process, Project Report on Ethyl Acetate, Ethyl Acetate Manufacturing Plant, Ethyl Acetate Plant, Production of Butyl Acetate, How to Make Butyl Acetate, Butyl Acetate Production, Preparation of Butyl Acetate, Ethyl Acetate Production project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Ethyl Acetate Production Based Small Scale Industries Projects

Project profile on small scale industries, How to Start Ethyl Acetate Production Industry in India, Ethyl Acetate Production Projects, New project profile on Ethyl Acetate Production industries, Project Report on Ethyl Acetate Production Industry, Detailed Project Report on Ethyl Acetate Production, Project Report on Ethyl Acetate Production, Pre-Investment Feasibility Study on Ethyl Acetate Production, Techno-Economic feasibility study on Ethyl Acetate Production, Feasibility report on Ethyl Acetate Production, Free Project Profile on Ethyl Acetate Production, Project profile on Ethyl Acetate Production, Download free project profile on Ethyl Acetate Production, Startup Project for Ethyl Acetate Production, 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, Production of butyl acetate, Global ethyl, butyl acetate demand expected to rebound, Acetates Manufacturing

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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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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**
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- **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.

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](http://www.entrepreneurindia.co)



Contact us

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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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