

List of Highly Profitable Projects on Fuels Production.



Biogas, Coal, White Oil, Fuel Briquettes, Ethanol,
Petroleum Coke, Fuel Bricks, Calcined Coke,

Compressed Biogas



BIOGAS





Introduction

A fuel is something that can be burned to release heat and light energy. The main examples are coal, oil, gas and wood. Coal, oil and gas are called "fossil fuels". In other words, they were made from fossils. Fuels are one of the most important substances on earth. They cook your food, heat your home, and keep the cars and trains running. Without fuels the world would be a different place.



A fuel is any compound that has stored energy. This energy is captured in chemical bonds through processes such as photosynthesis and respiration. Energy is released during oxidation. The most common form of oxidation is the direct reaction of a fuel with oxygen through combustion. Wood, gasoline, coal , and any number of other fuels have energy-rich chemical bonds created using the energy from the Sun, which is released when the fuel is burned (i.e., the release of chemical energy). Chemical fuels or the fossil fuels are useful reserve of fuels and are therefore used extensively to satisfy the demands of an energy-dependent civilization.

India's annual fuel demand is estimated to grow at 5.8% in the fiscal year 2017-18 higher than the previous year.



The biofuel business in India is expected to touch 50,000 crore by 2022, based on the demand of petrol and diesel in the country. The Indian biofuel market has been consistently witnessing growth and developments for past few years. The Government of India is injecting huge amount of money and resources into the development of this sector in an attempt to reduce dependency on imported oil. High volatile oil prices and production levels have further enlightened the need for continuous developments of this sector.



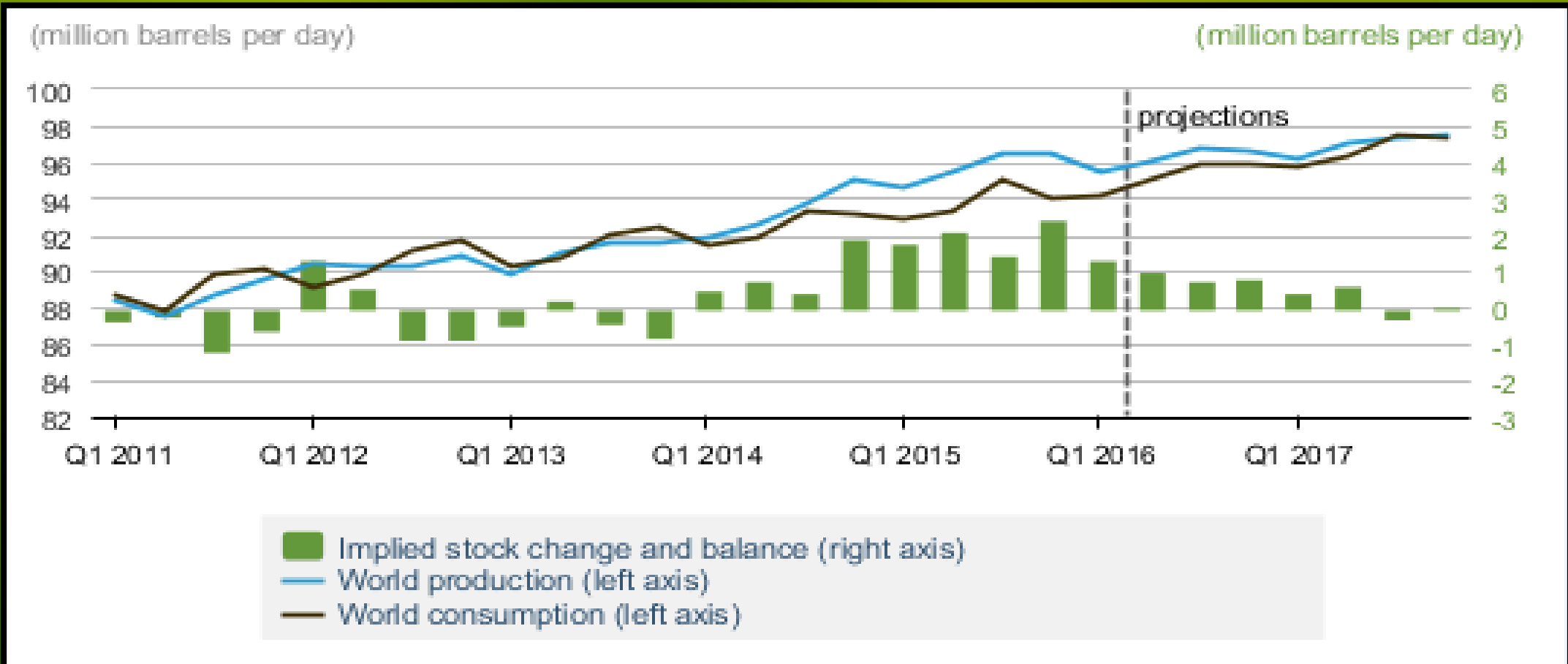
The world petroleum coke market is anticipated to touch a revenue valuation of US\$24.11 bn by the end of 2020. On account of environmental concerns and some traits causing pollution, the employment of petroleum coke could be discouraged, thus negatively affecting the demand in the world petroleum coke market. However, the process of gasification of petroleum coke is expected to up profit margins and encourage clean power production.

India's energy demand is set to rise, and hydrocarbons will play a key role in any possible growth scenario. The industry recognizes the potential, and global players are eager to contribute towards India's growth.

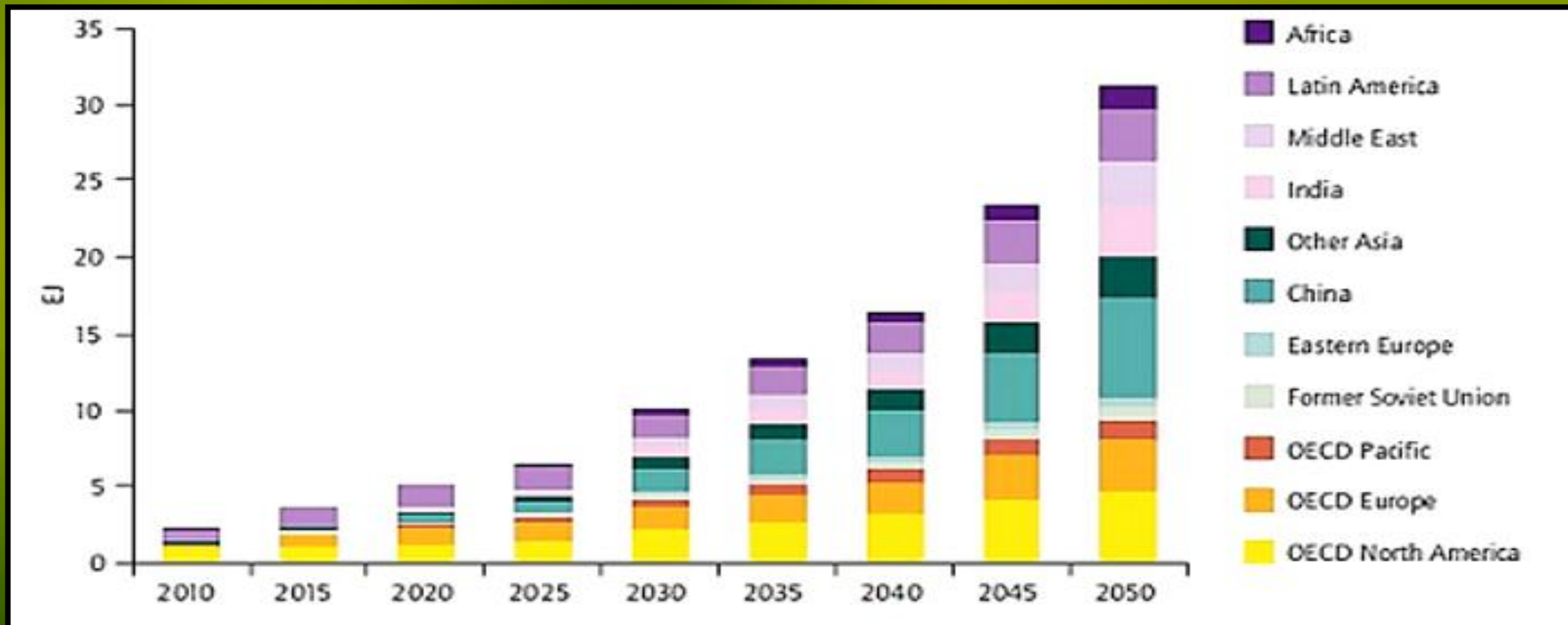
India - Fossil Fuel Energy Consumption (% of Total)



Global Liquid Fuels Production and Consumption Balance



Biofuel Demand by Region 2010-2050





Niir Project Consultancy Services (NPCS) can provide Detailed Project Report on Required Project

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Here are few Projects for Startups:

➤ COMPRESSED BIOGAS

The term biogases refer to gases created by the anaerobic fermentation of biological materials. Their main constituents are methane and carbon dioxide. Considerable quantities of biogases are produced by anaerobic fermentation of agricultural and organic waste (biogas), sludge digestion in the tanks of sewage treatment plants (sewage gas) and organic residues in garbage tips (land fill gas).[.....Read more](#)





➤ **WHITE OIL FROM KEROSENE OIL**

Deeply refined pale yellow oils are called white oil. In 1934 the white oil manufacturers association (WOMA) divided the white oils in three viscosity grades. The oils of first category are used in the processing of foods, which must not contain more than 0.1-0.6% of the oil.....[Read more](#)





➤ FUEL BRIQUETTES FROM BIOMASS (BIO COAL BRIQUETTES FROM AGRICULTURAL CELLULOSIC WASTE)

Energy is the key factor in economic development of country. As we approach the turn of century our requirements of energy will increase rapidly and vastly. Though there are several alternative conventional as well as non-conventional energy sources have been developed, still world is facing energy crisis day by day and it will rise in the coming future with rapid increase in population as well as industrialization.....[Read](#)

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➤ **BIOGAS PRODUCTION**

An effective biogas programme leads to efficient use of cow dung for gas recovery and partial supplement to plant nutrient requirement. Biogas programme leads to improvement in rural living including rural sanitation. Biogas fermentation a process occurring widely in nature can be defined as a biological process, in which biomass or organic matter, in the absence of oxygen, is converted into methane and carbon dioxide.....[Read more](#)





➤ ETHANOL FROM MOLASSES

In the earlier years, alcohol was mainly used for admixture with petrol and for potable purpose. Alcohol production was initially taken up with a view to utilized by-product molasses available from the sugar units. Now-a-days alcohol is used directly in the manufacture of several compounds such as ether, ethyl acetate and other esters, acetic acid, acetone, chloral, chloroform etc.....[Read more](#)





➤ **ALCOHOL BASED FUEL GEL**

Fuel gel prepared by using basic raw materials like ethyl alcohol, methyl alcohol, sodium stearate, carbopol etc. All the machinery and raw materials are available indigenously. Manufacturing process is almost pollution free. It is generally used in hotels, restaurants and parties. Product has good market demand.....[Read more](#)

➤ PETROLEUM COKE

It is dark solid form of carbon, produced from the thermal decomposition and polymerization of heavy liquid hydrocarbons that are derived from crude oil. It is stable, non-reactive under normal condition and does not polymerize. It is mainly used in metal production and as a fuel.....[Read more](#)





➤ FUEL BRIQUETTES FROM AGRO WASTE

Fuel briquettes are made from agricultural and commercial residues such as weeds, leaves, sawdust, rice husks and scrap paper are a unique yet well proven technology to provide fuel wood. Briquette/ Bio coal or white coal is a solid fuel made from a variety of waste materials such as charcoal from low-density wood, agro forestry waste material, domestic, municipal solid wastes and typically any type of biomass waste.....[Read more](#)





➤ **FUEL BRICKS FROM GROUND NUTS, SOYABEAN HULLS AND JUTE**

Fuel bricks from the different raw materials now a days are very popular for the resources of renewable energy. There is great efforts have been taken by the Government to promote waste utilization from the different sources to convert into energy. In India jute, soyabean hull and groundnut waste is available in plenty, which can be utilize for the production of fuel bricks.....[Read more](#)





➤ **CALCINED COKE (BY USING HORIZONTAL KILN)**

Petroleum coke is a dark form of carbon, produced from the thermal decomposition and polymerization of heavy liquid hydrocarbons that are derived from crude oil. Petroleum coke is employed for number of purposes, but its main industrial use is in the manufacture of carbon electrodes for the refining of Aluminium.....[Read more](#)





➤ COAL WASHING UNIT

Coal washing unit is one of the most important unit for upgradation of coal in sense of fed value by reducing of ash contents in the coal. It is basically associated with seive position to get the quality coal. It is used as fuel for running the boiler, in domestic use, in thermal power station to produce electricity, for manufacture of coal gas etc.....[Read more](#)





➤ ETHANOL AS BIOFUEL

Ethanol has been known as fuel for many decades. Production of ethanol in the world is increasing very rapidly and has grown. There is a vast scope to use it as Automobile fuel. There is proposal come from the government agencies as well as from the public agencies also.....[Read more](#)





➤ **JATROPHA PLANTATION & OIL EXTRACTION (USED AS BIOFUEL)**

Biofuel will be the best alternative to the energy crisis arising out of soaring crude prices and depletion of fossil fuels at a faster rate. Biofuel can make India self-sufficient in energy source as the product has been proven to be efficient, sustainable, cost-effective and pollution-free. Global production of biofuels is growing steadily and will continue to do so.....[Read more](#)





Tags

Production of Fuels, Biofuel Production, Fossil Fuel Production, Production of Fossil Fuels, Production of Alcohol, How to Make Ethanol Fuel, Ethanol Fuel Production, Alcohol Fuels from Biomass, Biogas Production from Biomass, Biogas Production, Process for Production and Recovery of Hydrocarbons, Production of Hydrocarbon Fuels, Production of Liquid Fuels, Production of Solid Fuel, Solid Fuel Production from Waste, Feasibility Study on Production of Solid Fuel, Production of Alternative Fuels, Alternative Fuels Manufacturing Business, Alternative Fuel Production, Production of Fuel Gas, How is Natural Gas Produced, Fuel Oil Production, Fuel Oil Production, Domestic Fuels in India, Production of Domestic Fuel, Combustion of Ethanol, Combustion of Fuels, Production and Combustion of Fuel, Hydrocarbon Combustion, Combustion of Fuels, Combustion of Fossil Fuels, How to Start a Biodiesel Business, Small Scale Biodiesel Production, How to Stat Biodiesel Plant, Start Biodiesel Company, Biodiesel Production Business Plan, Biodiesel Production in India, Biodiesel Business Opportunities in India, Fossil Fuel Production Plant, Project Cost for Setting Up Bio Diesel Plant, How to Start Biodiesel Plant



How to Start Biodiesel Production Company, Biodiesel Manufacture in India, Compressed Biogas, White Oil from Kerosene Oil, Fuel Briquettes from Biomass (Bio Coal Briquettes from Agricultural Cellulosic Waste), Production of Ethanol from Molasses, Alcohol Based Fuel Gel, Petroleum Coke Production, Fuel Briquettes from Agro Waste, Fuel Bricks from Ground Nuts, Soyabean Hulls and Jute, Calcined Coke (By Using Horizontal Kiln), Coal Washing Unit, Ethanol as Biofuel, Jatropha Plantation & Oil Extraction (Used As Biofuel), Fuel Oil Production project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Biofuel Production Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Fuel Oil Production Industry in India, Biofuel Production Projects, New project profile on Solid Fuel Production industries, Project Report on Solid Fuel Production Industry, Detailed Project Report on Combustion of Ethanol, Project Report on Fuel Oil Production, Pre-Investment Feasibility Study on Solid Fuel Production, Techno-Economic feasibility study on Biofuel Production, Feasibility report on Biofuel Production, Free Project Profile on Fuel Oil Production, Project profile on Biofuel Production, Download free project profile on Solid Fuel Production, Industrial Project Report, Startup Project for Biofuel Production



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Major Queries/Questions Answered in Our Report?

- 1. How has the industry performed so far and how will it perform in the coming years?**
- 2. What is the Project Feasibility of the Plant?**
- 3. What are the requirements of Working Capital for setting up the plant?**
- 4. What is the structure of the industry and who are the key/major players?**



- 5. What is the total project cost for setting up the plant?**
- 6. What are the operating costs for setting up the plant?**
- 7. What are the machinery and equipment requirements for setting up the plant?**
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?**
- 9. What are the requirements of raw material for setting up the plant?**



- 10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?**
- 11. What is the Manufacturing Process of the plant?**
- 12. What is the total size of land required for setting up the plant?**
- 13. What will be the income and expenditures for the plant?**
- 14. What are the Projected Balance Sheets of the plant?**



- 15. What are the requirement of utilities and overheads for setting up the plant?**
- 16. What is the Built up Area Requirement and cost for setting up the plant?**
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?**
- 18. What are Statistics of Import & Export for the Industry?**
- 19. What is the time required to break-even?**



- 20. What is the Break-Even Analysis of the plant?**
- 21. What are the Project financials of the plant?**
- 22. What are the Profitability Ratios of the plant?**
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?**
- 24. What are the Projected Pay-Back Period and IRR of the plant?**
- 25. What is the Process Flow Sheet Diagram of the plant?**
- 26. What are the Market Opportunities for setting up the plant?**
- 27. What is the Market Study and Assessment for setting up the plant?**
- 28. What is the Plant Layout for setting up the plant?**



Reasons for Buying Our Report:

- **The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product**
- **The report provides vital information on the product like it's characteristics and segmentation**
- **The report helps you market and place the product correctly by identifying the target customer group of the product**



- **The report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials**
- **The report provides a glimpse of government regulations applicable on the industry**
- **The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions**



Our Approach:

- **Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.**
- **The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players**
- **We use reliable sources of information and databases. And information from such sources is processed by us and included in the report**



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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**
- **Export-Import Market Potential**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,



Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

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How are We Different ?

- *We have two decades long experience in project consultancy and market research field*
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- *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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